Established 1848.

ST. LOUIS, MO., WEDNESDAY, AUGUST 15, 1900.

Volume LIII., No. 33.

COLMAN'S RURAL WORLD

NORMAN J. COLMAN, | RDITORS.

Published weekly at 721 Olive St., Room mi, 1214, 1215 and 1216 Chemical Building, corner Olive and Eighth Sta., St. Louis. Mo., at one dollar a year. Eastern Office, Chaimer D. Colman, 539 Temple Court, New York City.

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Letters should be addressed to COL-MAN'S RURAL WORLD, 721 Olive St., St. Louis, Mo. Advertising rates furaished on application. Advertisers will and the RURAL WORLD one of the best advertising mediums of its class in the

The State of Massachusetts has expended \$1,155,000 in its warfare against the Gipsy moth. New colonies of the moth were discovered last season in Newton and Georgetown.

SORGHUM MAKING QUESTIONS.

In another column will be found another contribution by "Sheiby" to the sorghum making discussion. It is a plain, practical and valuable article, one that cannot fail to be helpful to beginners in the sorghum. cal and vitudes article, and the sorghum making business. The articles thus far presented have all been valuable—the one in last week's issue by Mr. Frisble, and those in the August 1 issue. Doubtless there are points on which none of these experienced makers have yet touched and on which beginners would like information. The best way to draw out just the information wanted is by asking questions. Remember it was by "Young Farmer" asking for information on the subject of sorghum making that this discussion was started. If any one among RURAL WORLD readers wants further information on sorghum making and will put his desires in the form of questions we will try to have these fully answered by some of our experienced sorghum makers. perienced sorghum makers.

EDUCATE THE BOY OF THE FARM

The farmer appreciates the value of ed-The farmer appreciates the value or euucation and bows aimost reverently to the
man possessing scholarly attainments.
The minister, doctor, lawyer or professor is
by the farmer chosen to preside at all
social and business gatherings, because
these men of the professions have knowledge of things of which he is ignorant,
and such one can conduct the business in and such one can conduct the business in an intitigent manner; while it is general, and such one can conduct the business in an intitigent manner; while it is general, and such one can conduct the business in an intitigent manner; while it is general, and such one can conduct the business in an intitigent manner; while it is a construction of the saveward), if not busingtarly, done. The furner may have seen in the conduction of particular that the save seen accepts to be known by conduct the business the save was a conductation of the saveward. The save seen accepts to be known by conduct the business of the saveward, it is a save seen accepts to be known by conduct the business of the saveward. The save seen accepts to be known by conduct the business of the saveward with a save seen accepts to be known by conduct the business of the saveward. The save seen accepts to be known by conduct the save seen accepts to be known by conduct the save seen accepts to be known by conduct the save seen accepts to be known by conduct the save seen accepts to be known by conduct the save seen accepts to be known by conduct the save seen accepts to be known by conduct the save seen accepts to be known by conducting the save seen accepts to be known by conduct the save seen accepts to be known by conduct the save seen accepts to be known by conduct the save seen accepts to be known by conduct the save seen accepts to be known by conduct the save seen accepts to be known by conduct the save seen accepts to be known by conduct the save seen accepts to be known by conduct the save seen accepts to be known by conduct the save seen accepts to be known by conduct the save seen accepts to be known by conduct the save seen accepts to be known by conduct the save seen accepts to be known by conduct the save seen accepts to be known by conduct the save seen accepts to be known by conduct the save seen accepts to be known by conduct the save seen accepts to be known by conduct the save seen accepts to be known by conduct the save seen ac

SPECIAL OFFER.

While the regular subscription price for WORLD is doing a grand work in up-

HAS THE STATE DONE ITS DUTY

on our list for 1900.

To the Dairy Industry?

A letter on page Iwo of this issue, ad-dressed to the secretary of the Missouri Dairy Association, calls the attention of dairymen of the state to the fact that if they wish to make exhibits of dairy products at the Pan-American Exposition to be held at Buffalo in 1901 action should to be held at Burnalo in 18th action should be had soon in order to secure space. As stated by Mr. Converse, a State Commission has been appointed by Governot Stephens to arrange for a state exhibit. We are not informed as to what, if any, action has been taken in the direction of delay action has been taken in the direction of

It is, the star is a proper to the control of the c

ments of fruits is not \$100,000 more than the value of the shipments of dairy products for the same period.

The single point we wish to make is simply this: If it has paid the state to aid in developing Missourl's fruit growing industry, and no one who knows the fact will deny this, does it not seem clear that with anything like the same assistance given to the dairy industry that Missouri would have been famed as a dairy state, and would have been creditably represented as such at Chicago, Omaha and other like occasions of the past, at Paris, where

Editor RURAL WORLD: I register it here and now that there are more weeds in the corn this year in Tipton Co., Ind., than there have been for a number of years. This is a fact. The reason for it is two-fold—the largeness of the crop and the wetness of the season. It seems this summer in this section every time it rains it gives us our share. While there are parts of Indiana that are in need of rain, we do not here. We had a good shower Sunday last. This is Friday morning before daylight and it is raining a little now. One can see that he would have been better off with less ground to keep clean this year. We think we will not make the same mistake again. Even if the fly does

mistake again. Even if the fly does same mistake again. Even if the fly does take the wheat, or if from any reason our regular rotation is broken in upon, we shall sow some of the many spring crops for pasture or grain, and thus keep the hoed crops within the safety limit.

I do not object to hard work sometimes, or to working hard some of each day, but to be hoeing weeds from morn till night from week to week, one such experience is enough.

SORGHUM MACHINERY

Editor RURAL WORLD: Having decid-

for if one is to engage in the business on a large scale, he will employ experts to select his machinery, and condect every part of the different operations, of course. THE PRESS should be of some standard make; and if your neighbor has one that he has proved and knows it to be good, you can safely get one like it, provided it is made near by. All clase being equal, get your press as near home as possible, not only to encourage the nearest neighbor, but because in case of an accident you can get a broken part more quickly, and at less expense.

For a plant to manufacture 10e gallons or less per day, get a two-borse press, one that will press out about 5 gallons of juice per hour. For a press of this size, a

or less per day, get a two-torse press, one that will press out about Z gallons of juice per hour. For a press of this size, a vertical style will probably le cheaper, and, on the whole, more satisfactory than a horizontal. Get no press that has not facilities for oiling the lower eads of roller bearings; and use nothing bit best castor oil on your press.

Be sure that the sweep is very large and strong, for if not, it will spring and cause press to run unsteady. Go to the woods and cut a small tree with the proper natural crook, and hew it down on top or bottom, leaving it flat, or nearly so, about \$x_6\$ inches at the tip and gradually getting larger as it nears the press. So the press very firmly, bracing in the most thorough manner; and see that the sweep is bolted securely. If you have a vertical press, feed always at the top, and you will never clos and strain your press.

Potatoes and tomatoes do not ripen as they should; we presume it le size weather. If there is a better early potato than the early Michigan or early Ohlo, we have not found it out.

Oats are an abundant crop in this section this year, yielding at the rate of about 60 bushels per acre where the farmer succeeded in saving them all. The wind and rains caused them to get down so badly most of them were cut one way. Some few fields were mowed. This took much extra time, and coupled with the fact that every two or three days, it rained, we can readily see that the business of saving oats this year was no child's play.

A day of a thick time of seasons and the process of the candidate of the proper size, unless you can get one such cheaper locked or riveted than in single sheet, for the whole bottom shoul be perfectly smooth and free from seam Experience (the best teacher) will ephasize this very much more forcibly th I can do.

matter in solution can only be removed gling crowds of humanity congregate. It by the aid of chemicals and the employ-would be an easier task to again perform ment of processes with which we little fel-

With the evaporator above described. I with the evaporator above described, I will undertake to make a grade of sorghum syrup that for clearness, uniformity and flavor, as well as superior body, and never a "burn up," that cannot be approached by that made on any other machine in contents. hine in existence.
THE SKIMMER is important. Let it be

THE SKIMMER is important. Let it be about the size of an ordinary dust pan, with a bottom of finely perforated tin, all parts riveted. Let the thimble at back side be large enough so you can insert an old broom handle, and you are fully equipped for the coming battle royal. Shelbina, Mo.

PEBBLES FROM THE POTOMAC.

Editor RURAL WORLD: A special Editor RURAL WORLD: A special from Charlottesville, Va., says: "The horticultural society has captured first prise for its exhibit at the Paris Exposition. The information was sent to Samuel B. Woods, of this city, president of the society, by Mr. William A. Taylor, who has the Paris exhibit in charge. In addition, the Virginia apples were included in the United States exhibit, which contained 4d varieties from 14 states, and which also captured the first prise in the international contest. Speaking of the famous Albermarie Pippins, Mr. Taylor writes that they were in excellent condition in July, and were much admired both by the jury and by the dealers and consumers." The outlook is favorable for an increased demand for American apples. the Virginia apples were included in the demand for American apples.

were firmly, bracing in the most thorough manner; and see that the swey is botted securely. If you have a vertical press, feed always at the top, and yo will never clog and strain your press.

THE EVAPORATOR's only of secondary importance to the press. For a plant, the size under consideration I vould never use copper. Galvanized irot is good enough, and is so much less expensive. Remember copper will nake no better syrup, the only advantage being it is more durable.

The sum of the sum of

HOPEFUL SIGNS.—"What I would consider one of the most hopeful signs of the times," said a prominent Western real estate man to a "Post" reporter a few days ago, "is the tendency of people with money to invest to buy farming lands. The trend has long been to desert the farm for less secure investments in in-

If it leaks a little the it day don't worry, for if you have dow reasonably fair Job, it will not leak ry long. If you burn out an end, bee you learn how to set it so the endstill not burn out, fit in a new end piedame size as old one, and go ahead ags

THE ARCH.—Build youtch so it will set under sides of the evrator about eight inches, leaving a codace at each side so soum will settle, it may be a saily run over with the samer.

THE HEATER should about the same size as the evaporatand as said before, may be of two pis riveted together, if cheaper. After have used your evaporator two or ce seasons, move it back for heater, amake a new and better evaporator, as r experience will then enable you to do Set heater with the sidesending over the arch, the same as the orator, and the conductor eventually is regarded to old to old to properly perform his duties, compelling him to give way to a younger man. During these years of incessant hardships the conductor has indeed done well, with his numerous enforced vacations, if he has been able to keep out of debt. The corporation has become immensely wealthy, but notwithstanding our friend's close application to the corporation's interests he has no roof to cover his with an equal amount of energy, strict application to details, this same man could have acquired in a similar number of years a farm that would have supportant and family in comfort, and afforded him ample opportunities for recreation and amusement. On the farm he could have reaped the golden harvest of success; in town, alast too often the field on the property of the conductor has indeed done well, with his numerous enforced vacations, if he has been able to keep out of debt. The corporation has become immensely wealthy, but notwithstanding our friend's close application to the corporation's interests he has no roof to cover his adult the same size as the evaporation as add the same size as the evaporation as a defect of the same size as the evaporation as a defect of the same size as the evaporation of the

would be an easier task to again perform the twelve labors of Hercules than to find contentment in this condition. An eminent historian commenting on the many glorious achievements of General Washington refers to his life on the beau-tiful estate at Mount Vernon by saying: "He beat his spear into a pruning hook, and planted choice trees, and reared rare I "He beat his spear into a pruning hook, and planted choice trees, and reared rare breeds of animals with the same conscientious energy with which he had ruled armies and governed cabinets." Imagine, Washington rushing to a crowded city, I from pure choice, leaving the invigorating atmosphere of the Virginian forest, to mingle with his fellow countrymen in a mad rush for money to buy pleasure! John Ruskin says that "when men are rightfully occupied their amusement grows out of their work as the color petals out of a fruitful flower. Truly the petals out of a fruitful flower. Truly the petals out of a fruitful flower. Truly the life of the agriculturist is the ideal occupation. Like Mr. Lyon, we believe that when the farmer balances his books at the end of the year, he will find that he has been fairly rewarded for his labors.

8. F. GILLESPIE.
Washington, D. C.

SUMMER DAYS AT SEVEN PINES.

Editor RURAL WORLD: I am glad that our county is to have a farmers' institute held by the State Board of Agriculture, as these meetings help farmers to get together and talk over social and industrial affairs. These meetings are pronounced agricultural assemblies, and are for the promotion of the high profession. Our county fairs have so fallen are for the promotion of the high profession. Our county fairs have so fallen
into disrepute as to bring reproach upon
the very name of farming. The average
county fair is an empty exhibit, for the
development of gambling on horse races
and for all kinds of tricks and licentious
side affairs. I rejoice that the State Board
is to be with us, and I wish that some
member would give a good talk on the
importance of farmers taking one or more
of the papers which are published in their
interests. Why, as I go about the couninterests. Why, as I go about the country and talk to farmers, I am astonished at the lack of interest they bave in the subject of agriculture. The majority of homes in the country are without the farmers' leads to the country are without the cou

THE CANNERY.-Our large and well THE CANNERY.—Our large and well equipped canning establishment in Alexandria began work on Thursday, August 2. This enterprise is the best in all this region, and will be a very valuable part of our business concerns. The company is well pleased with the location and adjoining lands, and are especially well suited in the assurance that ample help in the way of labor is certain, as the establishment is handy to two other large.

where I is that Bacon?—Let's see, what Illinois farmer was it who offered to send me a "chunk" of his fine, sweet bacon, to prove that farmers can have their own meat as good and toothsome as Hammond, or Swift, or Armour? That chunk would be in order at Seven Pines just now. In my two weeks' trip among farmers chiefly, I found some good, sweet bacon, but the majority rather inclined to be strong.

The WOOLLY APHIS has worked great damage to the pickle fields of our syrup or golden drip. Boll until real thick. Praw of made call.

THE WHEAT CROP.

Editor RURAL WORLD: Let me embeing richard world: Let me emphasize all that others have written on the subject of thorough pulverization of the soil. I am not one of those men who think that it is imperative to break wheat land in July, for I have grown several good crops on land plowed as late as Sept. 10, and seeded about Oct. 1. Four years 10, and seeded about Oct. 1. Four years ago I turned under a crop of ragweed as high as a horse's back during the last half of August, the seeding was done Oct. 1 to E, and from 10 acres, drill measure, I had 287 bushels of wheat. In spite of the jeers of neighbors, I harrowed each half day's work regularly at noon and at night. A heavy rain came shout Sent 18. night. A heavy rain came about Sept. 15 and packed the surface hard, the field was lightly disked, rolled and harrowed, then lightly disked, rolled and harrowed, then harrowed and dragged just ahead of the drill; a good rain fell just as we finished and put the drill away. This field was wheat stubble, the same field I have to put in wheat after corn and tobacco this fail, and is not by any means the best wheat land on the farm.

We are breaking no fallow for wheat this season, but have three acres broken where I want to sow a small meadow.

where I want to sow a small meadow.

this season, but have three acres broken where I want to sow a small meadow.

This land was thoroughly cut over with the disk harrow before plowing; and the plow ran so easy on the team and did such a fine job that were I breaking for wheat I would certainly disk the land first, for the time spent in disking will more than be gained in plowing, to say nothing of the thorough breaking up of the soil through the entire depth plowed. In 1880 I broke a three-acre clover field for tobacco after the clover was nearly in bloom. My plants failed and the land lay idle. About Aug. 18 I plowed it again, turning under about the heaviest crop of weeds I ever about the heaviest crop of weeds I ever about the heaviest crop of weeds I ever about the heaviest crop of tobacco. Oct. 18 it was broadcasted in wheat at the tobacco stubble had been harrowed across the rows. The harrow was then run over it—in a hurry, as a heavy rain was coming—and it gave me in the 1882 harvest 48½ bushels of wheat, machine measure, per a fare.

bushels of wheat, machine measure, per scre.

This is the best yield of wheat I have ever known of in this part of the country, and was, no doubt, due in a great measure to the three plowings of the land and the subsequent thorough cultivation of the to-bacco crop.

Wheat after tobacco always gives a large yield. Tobacco is always cultivated well, and after cultivation is at an end the soil is trampled, packed and fined by the feet of the workmen as they go over the land in necessary work as many as eight or ten times.

When tobacco was grown by the old ridging system, and the ridges stirred down with a deep going cultivator before seeding, there was often a short crop or a failure.

If all farmers could, or would establish

seeding, there was often a short crop or a failure.

If all farmers could, or would, establish permanent pastures and abandon the ruinous rotation system, regardless of failure of grass and clover seeding, then they could grow wheat crops that would pay year by year. I simply mean this, if part of the clover seeding failed that part could be broken up in August and sowed to wheat without causing any inconvenience in the matter of pasture.

The farmer could, and would break his land in season, prepare it properly, fertileand.

The farmer could, and would break his land in season, prepare it properly, fertilize it well and grow better crops of wheat. The sheet anchor of wheat growing is a compact and thoroughly pulverised seed bed, the entire depth of plowing fined and compacted by repeated cultivation and tho top inch and a half as fine and mellow as a garden bed.

Then with moderately thin seeding, that the plants may have room to tiller or stool, with fairly fertile soil and a judicious application of manners or fertilizer, we seldom med fear a failure of the wheet.

C. D. LYON.

Editor RURAL WORLD: Pure sorghum syrup can't always be made, but if the cane is not mixed with broom corn and is pure, and was grown on clay or light soil or sandy loam, then with a quick boil and

hope the officers and members of the as-sociation will keep this aim in view, for it the greatest good to the greatest number be sound doctrine in a general way, it is especially so in the case of the darymen of this country, Missouri included."

On another page of the same issue is the

"Every member of the Missouri Dairy Association should interest himself to th xtent of using his influence in locating, where it will be the most convenient for where it will be the most convenient to:
the greatest number to attend. About 90
per cent of the membership of the association is within 100 miles of Kansas City,
and if the interest of the organisation is and if the interest of the organization is considered by the executive committee some accessible point in the western part of the state will be selected."

Is the place of meeting "important only in so far as it is calculated to bring out a in so far as it is calculated to bring out a large attendance?" Is it not possible that there may be a large attendance and yet but little come of the meeting? By the second paragraph quoted I should guess that some one has an ax to grind,

" Hit the Nail

On the Head."

If you have eruptions, pains in the head or kidneys, stomach trouble and feelings of weariness, "Hit the nail on the head." Hood's Sarsaparilla is the amer to use. It will purify your blood. The masses praise it for doing this and

Hood's Sarsaparilla Never Disappoints

about four pounds of butter, which, at 15 cents per pound, would be worth @ cents. There is one-half the value of the milk as fixed by the Census Bureau accounted for, and, on the basis of the daily ration allowed by A. Rapaho per calf, the cost of raising the calf is cut in two.

CAN'T THE MISSOURI COLLEGE of the Kansas City, and of the other four only one has been held east of Jefferson City, it would seem as though, if the dairymen of the Kansas City territory have taken as much interest in the meetings as they

to make a better record next year."

THE DEADLY BUTTER COLOR.

The "Farmer's Review" does not favor a use of a butter color and has this to

say about it:
"We predict that ultimately the use of coloring matter in butter will become uncoloring matter in butter will become unpopular through the bad uses to which it
is being put by two classes of men. One
class is the one that colors suct and cotton seed oil, plus other things, to imitate
butter. The other is the class that manufactures butter color, not from pure materials but from pulsayous ones, because terials, but from poisonous ones, because they can be made cheaper.

Such a proposition as the "Review" as-sumes is not exceptional, says the "Dairy World," in fact it is rather becoming more and more general, but the "ultimate disuse of butter color will not come about on any grounds of morality of any impositions upon butter consumers by its use, inasmuch as the strictest of moralists and

inasmuch as the strictest of moralists and the views of highest medical jurists in a careful view of the case see in its use a public demand and a public sanction where no one is misled or where deception is being practiced.

However this situation does not comprehend the possibility as to an ultimate extinction of butter color. If it comes it will be because of the continuance of the greed and unscrupulous rapacity of a brace of manufacturers who have been exposed to the dairy public in this nefariexposed to the dairy public in this nefari-ous business of making butter color out of poisonous materials, and through a use of which "The Dairy World" has

The Dairy.

SUGGESTIONS.

VALUE OF MILK.—Our Colorado correspondent, A. Rapahoe, thinks the census taker put too high a value on milk in fixing this at 18 cents per gallon, thereby making calves to which the skim-milk is fed cost more than they are worth at sx months of age. But in making his call-culation did he not omit the value of the butter removed from the milk? Counting 12 gallons to the 180 pounds of milk, would make 190 pounds worth, at 19 cents per gallon, 18.0. This is, of course, more than creameries can pay on an average, and my impatient to adjourn, and will miss altilogether some of the sessions. In the smaller places those in attendance at the smaller places those in attendance the constant showing of deaths arising from the color in question has made a de-cided impression on the dairy public throughout the United States, and hence if a disuse of butter color is ever brought about it will be because of this very dead-

of Kansas City says:

"At the approaching meeting of the Missouri State Dairymen we hope they will get down to solid work all along dairy-lines. There should be no ax grinding tolerated. The place of meeting is important only in so far as it is calculated to bring out a large attendance. We hope the officers and members of the association will keep this aim in view, for it gridlings of the control of the con ordinary farm conditions, and to have a The milk from each cow was churned basis upon which to improve the herd by separately when it was found that her disposing of inferior animals. We hope milk had hindered even the butter fat in the milk from other cows from separating rapidly. The cow was sold to a man who kept but one cow, who said he would try her on other pasture; if she did no better he could sell her to the butcher. With this man she did well and has passed into other hands, sometimes as a single dairy cow and again with other cattle, with no further annovance result-

HARDNESS OF BUTTER.

J. M. Bartlett says in Maine Station Re-"(1) The hardness of butter can be regu-

"(1) The hardness of butter can be regu-lated to a large extent by the food of the cows.

"(2) Gluten products, such as gluten meal, feeds, etc., containing large percent-age of oil produce soft butter and should not be fed to dairy cows used for butter

production.
"(3) Gluten meals containing small per-

NOTICE.-See Corn Harvester adver tisement in this issue. Less than half price to close estate.

The History of a Tuberculous Herd of

Wisconsin Experiment Station Bulletin No. 78 gives an account of an outbreak of tuberculosis in a private herd, which had been improved by the purchase of some purc-bred animals, and of experiments made by the station on this herd in the application of Bang's weeding-out process. The first tuberculin test was made January 2, 1896. Thirteen out of 16 mature purchase on the case of the cas Two showed physical symptoms of the disease and were slaughtered. A partition was constructed across the stable and the animals which had reacted were kept on one side, while the others were kept on the other side of this partition. The two sections of the herd were pastured in separate fields and watered out of different tanks. The stable was thoroughly

On May II of the same year, another tuberculin test was applied, but no new cases of tuberculosis were indicated. Five calves, however, had been dropped in the meantime, four of them coming from the tuberculous section. These calves were separated at birth and fed on boiled milk.

furnishing mit to the children for chree years, and wh called before the authorities denied kwiedge of the presence of preservatives.

This case faishes another proof that even a small mount of formaldehyde is dangerous to aith. It also suggests the propriety of pishing a dairyman for delivering milk ontaining artificial preservatives, ev though he "didn't know" it was there udging from the pleas of "not guilty" om milkmen arrested on this charge, tre must be an organized body going but putting this stuff in milk without eir knowledge or consent. They ought she puinshed anyway, for being everlassiy innocent. A man who pays so littlattention to his business as to permit rangers to adulterate his milk, ought have a guardian. (Since the above we written the fourth child has died.)

From Bulletin No. 67 Minnesota Experiment Station.

Considering only the lactation period for the year 1896, the cows in the herd that any deep bodies through the middle and are spare and angular in conformation wilk per year; it costs on the average, 27.21 cents for feed to produce 100 pounds of milk; the annual butter yield ranges for the group 469.02 pounds. The cost for better at 15 cents a pound and skimmed milk at 16 cents per hundred, we have a gross return the pound of the propriety of the same year of 1893.25. Deducting \$23.35, the cost of feed, we have a retrum per cow of \$56.91.

SOME TTER TROUBLES.

I never sawhat was claimed to be a complete list all the troubles that may beset fibuttermaker. I doubt if I could nameem if I were to try, therefore I do not end to try, says A. Baker in "Jersey Betin." Some of the troubles most coper to butter making and the same transfer of the troubles most coper to butter making and the same transfer of the troubles most coper to butter making and the same transfer of the troubles most coper to butter making and the same transfer of the same transfe

could name on if I were to try, therefore I do not end to try, says A. Back leading the return to the farmer in the farm of the troubles most conous to butter-making on the farm who no separator is used. I have had expence with; of these I with to speak. As at all such troubles may be avoided we their causes are known and care is un to do things right.

One of throost prolific sources of trouble is trihin cream. That is, too much skimm is taken off viith the cream. That is, too much skimm is taken off viith the cream. That is, too much skimm is taken off viith the cream. That is cream has to be churned the cream. This is cream has to be churned the cream thigher the churning true the cream thigher the churning true the cream thigher the churning true of butter very slow in coming and often refuse gather. The most effect of the cream. The most effect of the cream thigher the cream is and allow thutter to float. After adding the wa churn a little, then let it stand for a ra minutes, then draw off is butter-milk and allow thutter to float. After adding the wa churn a little, then let it stand for a ra minutes, then draw off is about half untermilk and churn has the butter will be more and the butter will be strainer. Ti churn a little more and the butter would her butter product cost and trainer. The most effect he least field he least for the cream. There is a most incredible, strong and all it to stand until the very work, every work, every month, again. Of res prevention is been the cold and all to stand until the very day, every work, every month, again. Of respectation is the churn is another man be subtered with but lithutermilk.

Putting duale cream in the churn is a stand for a cream in the churn is a cream that the butter of seed to produce the cream in the churn is a cream that the butter will be solved in the cream. The stand for a cream the cream is a cream that the cream is

ADICATING TUBERCULOSIS.

dered and the work must be prosent into the churn should never be more half full—one-third full is better. remedy here manifestly is to remove the cream.

onsin Experiment Station Bulletin gives an account of an outbreak of the cream.

It often happens when churning the churning

not come. When the thermometer this to be the case draw out also of the cream into a tin bucket, in bucket into a larger vessel of hot stirring well until the cream is r little above the proper temperat

There is a difference in cows, to

And All St. Richell II.

And All St. Richell III.

And All St. Richell II.

And All St. Richell III.

And All St. Richell II.

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And All St. Rich

et return per cow of \$56.91.

The cows in the herd that have tenden The cows in the herd that have tenden-cyt to grow fissh, produce on an average 37.8 cents to produce a hundred pounds of milk; the annual butter yield ranges from 197.15 pounds to 322.15 and the averages for the group 270.86 pounds. The cost for feed to produce a pound of butter was 10.85 cents to 7.16 cents and averaged 8.02. Estimating the return to the farmer in butter at 5 cents per pound and extensed.

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andthis is the unanmous verdict of its more than half a million readers. It is ENYOND ALL COMPARISON, the big-gest, best and cheapest national news and family journal published in America. It is STRICTLY REPUBLICAN in politics, but t is above all A NEWSPAPER, and gives ALL THE NEWS promptly, accurately and impartially. It is indispensable to the Farmer, Merchant or Professional man who desires to keep thoroughly posted, but has not the time to read a large daily paper, while its great va-riety of well-selected reading matter makes it an UNVALU-ABLE HOME AND FAMILY PAPER,

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87. LOUIS, Me gural World and Globe-Democrat-Bither Address, \$1.25 Net.

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He is offering some of the finest breeding. Mechthilde. Empress Josephine. Gerben. Parthenia, Abbe Kirk, De Kol. Netherland and Pietertes. in this errange of the first the control of the

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BED-WETTING CORED , Sample PARE.

ES

FRONTIGUILLE TABLES

THE PROPERTY OF THE TABLE AND PROPERTY OF THE TAB

two were allowed to touch each other. The larger varieties should be five or six inches apart. It is tedious work, but unless done where too full the fruit will not be fit to sell. In coming to a tree that had been partly thinned a week previous, the difference in the thinned part and the other was quite perceptible. So that even when nearly ripe it is well to thin them. The favour Elberts is disappointing me.

the best stock on which to work the better varieties." This will suit me for there are scores of suckers coming up where the storm broke the tree down. These I can bud, and may get some cherries to eat. A good mess of choice cherries I have not had in five years. My old Napoleon is about dying. Well, it has done its daty and is perhaps the largest cherry tree in this county. It is about 20 inches in diameter at the base.

THINNING OUT PEACHES.—The trees were in many cases entirely too full and had to be thinned. Old trees that I considered about worn out are loaded, sometimes four and five in a bunch. No two were allowed to touch each other. The larger varieties should be five or six

Acting Fomologist.
Washington, D. C., Aug. 8.
Awards to United States exhibitions in
Group VIII.—Horticulture, at Paris Ex-

Tennessee Experiment Station.

Aside from being an attractive object lesson to the whole school, these boxes furnished material for study to the class in

Tennessee Experiment Station.

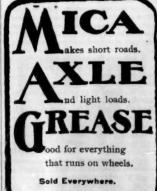
Aside from being an attractive object less not to the windows. Aside from being an attractive object less not to the whole school, these boxes furnished material for study to the class in botany. The germination of seeds, the distense and attinulating him to greater endeavor. The man who scores a success in his particular line of legitimate undertaking contributes metarially to the general prosperity of his community and is a working element in the welfare of the world.

The development of that section of the United States so indefinitely characterized as "the West" has furnished many worthy examples of surmounting great obstacles, overcoming discouragements, and of the final triumph of the sturdy, for persevering ploneer. Many are the experiences related, showing the marvelous possibilities of the country when backed by level judgment and willing muscle.

One man's requirements often happily combining with another's ability work great advantage to both. Such a circumstance effected the beginning of the success of Fred Welthouse, of Kansas, the most extensive commercial orchardist in the United States. He is widely known as the "apple king" of Kansas, the most extensive commercial orchardist in the United States. He is widely known as the "apple king" of Kansas, and the various bulbs. role-taking and is harder or better for half with the United States. He is widely known as the "apple king" of Kansas, the most extensive commercial orchardist in the United States. He is widely known as the "apple king" of Kansas, and the various bulbs. role-taking and placed here by Mr. F. D. Coburn, secretary of the Kansas Board of Agriculture.

The year 15t found Mr. Wellhouse with-the transport of the sufficiency but with a default workers. The surface of the country successful career in orcharding should be an inspiration to all who read it. Something of it is 'related here by Mr. F. D. Coburn, secretary of the Kansas and ord of Agriculture.

The year 15t found Mr. Wellhouse with-the propagatio





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WHEAT. AMBER AND BEARDED. CHAS. E. PRUNTY, MAIN AND MARKET STS., ST. LOUIS

Turkish Red Winter Wheat
The hardlest and best variety of
winter wheat in the world; has
proven iron clad and invincible
therein lows for the past twenty
to 48 bushels per acre of the
highest grade in the market. A
a most desirable one, and will increase the yield and improve the quality. All seed care
clully recleaned, price 51.25 per bushel, bags free aboard the cars her; is bushels 51.00.
Address, J. R. RATEKINA Son, "Nishna Valley Seedsmen," SHENANDOAH, IOWA.

The Greatest of all Wheat Growers

Is our DAISY FERTILIZER, and it is also the cheapest. A Natural Pertilizer and crop producer, giving best and surest field results. Field results are what farmers want. For Cora and Garden Truck our BROADAX BRAND has no equal. All in 100 lbs bags. Send for prices. ST. LOUIS SANITARY CO., St. Louis, Mo.

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over the plants. Its effectiveness is never denied; its safety is proved by 18 years of annual use. Is relied generally at 25 cents for 5 lb. package. Put up in kegs and barrels and SOLD BY SEED DEALERS. For pamphiet, address B. HAMMOND, Fishkill-on-Hudson, New York.

WE WANT 10,000 CORN HUSKERS To send \$1.10 and get one of our outsits. It contains 12 pairs of 8-oz Canton Flannel Mittens, 1 four Combination Shucking Peg, 1 Leather Wrist Band, and one pound can o "Glove and Mitten Paint." Address,

5. B. GALBRAITH, Vermont, Illinois.

A GREAT PEAR TREE.—Quincy, Ills., boasts of the greatest pear tree in the West. It is located on the premises of Mrs. Schraag, No. 324 State street. It is 28 years old and for twenty years has 28 years old and for twenty years has been bearing pears, the average weight of which for the twenty years has been one pound. These pears have never brought less than \$1 a bushel and the yield has varied from eight to fifteen bushels. Last year the yield was twelve hushels. The prospects are good for any the property of the propert bushels. The prospects are good for another big yield this year, but as the pears

seen at Mascali, near the foot of Mount Etna, and is called "The Chestnut Tree of a Hundred Horses." Its name rose from the report that Queen Jane of Aragon, with her principal nobility, tool refuge from a violent storm under its branches. The trunk is 204 feet in cir-

The Apiary.

The state of the s

STARK best by test—74 YEARS. WE PAY CASE
WANT MORE SALESMEN PAY WERLIY
Stark Nursery, Logistan, No; Dansville, L.Y.

other big yield this year, but as the pears are only half grown it is impossible to make an estimate at this time. The tree stands thirty-five feet high and the longest branches are fifteen feet in length.

THE LARGEST TREE.

The largest tree in the world is to be seen at Mascali, near the foot of Mount senecially in their home market. especially in their home market HARRY LATHROP

TRAVEL-STAINED HONEY.

A correspondent asks in the "North-

A correspondent asks in the "North-western Agriculturist":

"What makes some comb honey look old and have yellow cappings, and is such honey just as good as that having white cappings?"

These are questions that are very often

These are questions that are very often asked, says Mrs. Effe Brown in reply; and if answered by one judging from appearances, they are invariably answered incorrectly. From appearances, only, one would judge that color in honeycomb inmatter of furnishing super room for the bees. If it is done just right, that is sufficient room given at just the proper time, swarming may be retarded and in many cases will not occur at all. In my yards during the present season, although the honey harvest has been good, there has been less than 33 per cent of the colonies that have cast swarms.

I resort to different methods of giving super room, some of which I will mention. I often place in a strong colony a set of extracting combs as soon as the bees begin to bring in the first honey; this is placed over a queen excluding honey honey heart of the cost of the comb the better the comb honey the best best honey the best best honey is a gueen excluding honey heart over a queen excluding honey heart of the comb the better the honey is. If you prefer having the heat owner is a set of extracting cones and the longer comb is left, the tougher it gets.

Live Stock.

Aug. 21.-H. O. Minnis, Edinburg, Ill., Po Sept. 4.—L. M. Monsees' Sons, Smithton, Mo. Mules, cattle and Poland-Chinas. Sep. 20.—W. R. Loveless, Bellflower, Ill. Poland-Chinas. Oct. 8.-A. M. Caldwell, New Holland, Ill. Oct. 4.—W. H. Cooper, Pittsfield, Iil. Po-land-Chines. Oct. 4.—Martin Flynn, Shorthorns, Des Moines, Ia. Oct. &.-E. S. Donahey, Shorthorns, New ton, Ia. Oct. 2.—Sensintaffer Bros., Brookfield, Mo. Poland-Chinas. oct. 10.—T. C. Ponting & Sons, Moweaqua 12. Herefords. Oct. 11.-T. C. Ponting & Sons, Moweaqua 13.—Bolin & Aaron, Kickapoo, Kan land-Chinas. Oct. 16.—W. B. Crooks, Eight-Mile, Mo. Poland-Chinas. Oct. 16.-J. K. Alexander, Edenburg, Ill. Shorthorns.

Oct. 17.-T. B. Hart, Edenburg, Ill. Poland-Chinas. Oct. 17.—Arthur H. Jones, Shorthorns, Delaware, O. Oct. 17.—Chas. Ott, Shorthorns, Hedrick, Is. 18.-H. O. Minnis, Edinburg, Ill. Oct. 31.—E. E. Axline, Oak Grove, Mo. Poland-Chinas. Nov. 14.—Hector Cowan, Jr., Paullina, Ia.

Nov. 18.—S. M. Winslow, Oskaloosa, Mo. J. S. Goodrich, Goodrich, Kan., and Paul Byrd, Chillicothe, Mo. Galloways. Sale at Kansas City. Nov. 15.-S. P. Emmons, Littrell and oth ers, Mexico, Mo. Shorthorns.

ers, Mexico, Mo. Shorthorns.

Nov. 22 and 22.—Logan Chappell, Mt Leonard, Mo. Waiter Waddell and Thos. Sawyer, Lexington, Mo. C. B. Smith, and N. W. Leonard, Fayette, Mo. Herefords. Sale at Kansas City, Mo. 6-7.—American Galloway Breeders sociation. Galloways. Sale at Chi

11 and 12.-K. B. Armour and J. Ankhouser, at Kansas City, Mo. Here Dec. 12 and 14.—H. C. Duncan and Geo Bothwell, at Kansas City, Mo. Short

horns. March 5, 1861.—T. J. Wornell, Mosby, Mo. Shorthorns, Kansas City, Mo. Jan. 22, 24 and 25.—T. F. B. Sotham, Chillicothe, Mo., and others, at Kansas City.

RALSTON H. SANDERS IS DEAD.

The "Breeders' Gazette" of August ntains the sad news of the death on Au rust 3 of Raiston H. Sanders, after ten young man of rare promise. He had lem. charge of the engraving department of the "Gazette," and the high character of GRAZING A CORN AND COW PEA FIELD. his work was made manifest to the read ers with each issue.

SHORTHORN PRIZES.

J. H. Pickrell, secretary of the America J. H. Pickrell, secretary of the American Shorthorn Ereeders' Association, Spring-field, Ill., has favored the RURAL WORLD with a copy of Circular No. 14, which he is distributing. In addition to a synopsis of the business transactions of association for 1899 by-laws, rules ssociation for 1899 by-laws, rules of and other matters of interest to ockholders, the circular contains a list Shorthorn prizes offered during 1900 at

state and district fairs.

breeders, who contemplate ock should get a copy of the liberal premiums offered circular. The liberal premiums offered will doubtless draw out big shows of the ever popular Shorthorns.

TEXAS FEVER EXPERIMENTS.

RURAL WORLD readers have been i formed regarding the valuable work that was being done at the Missouri Experiment Station by Dr. J. W. Connaway, with the co-operation of Dr. M. Francis, of the Texas Experiment Station, in effor to develop a practical method of rende northern cattle immune to Texas The editor of "Experiment Station

fever. The editor of "Experiment Station Record," in No. 10 of Vol. 11, comments on this work as follows:

The investigation recently reported upon by the Missouri and Texas stations in combating Texas fever is an instance of a line of veterinary work in the legitimate province of the station veterinarians, which thorough and persistent investigation has brought to most successful issue wise a good illustration of the fundamental importance of research along lines which are more or less purely scien-tific, and the ultimate application of the

results in practice.

The work of combating Texas fever he been in progress for a number of years. The Bureau of Animal Industry of this Department demonstrated it to be due to 2 protozoan blood parasite, and showed entally the agency of the cattle experimentally the agency of the cartle tick in carrying this organism and thereby infecting cattle with the disease. It was shown that the disease is not communi-cated by contact with a diseased animal, but only through infestation with infect ticks. Accordingly experiments were at first directed toward getting rid of the ick by dipping cattle in various materials. work the Missouri and Texas starell as several other stations in tions, as well as several other stations in the South, co-operated for a number of years. Southern cattle were dipped and then shipped north to determine whether they could be safely mixed with herds there, and northern cattle were shippe south and then dipped for the purpose of

tion with ticks. Such experiments led to

There is more Catarrh in this section of the country than all other diseases put to other, and until the last few years was apposed to be incurable. For a great any years doctors pronounced it a local sease, and prescribed local remedies, ad by constantly failing to cure with lot treatment, pronounced is the treatment. disease, and prescribed local remeuse, and by constantly failing to cure with local treatment, pronounced it incurable. Science has proven catarrh to be a constitutional disease, and, therefore, requires constitutional treatment. Hall's Catarrh Cure, manufactured by F. J. Cheney & Co., Toledo, Ohlo, is the only constitutional cure on the market. It is taken internally in doses from 10 drops to a teappoonful. It acts directly on the blood and mucous surfaces of the system. They offer one hundred dollars for any case it fails to cure. Send for circulars and testimonials. Address.

F. J. CHENEY & CO., Toledo, O. Bold by Drugsists, 76c.

Sold by Druggists, 75c.

the investigations which have had so succases out of ten it will increase the tenevery by the Bureau of Animal Industry of the immunising effect of the blood from almy of the immunising effect of the blood from almy or unintentionally, does it to the last and given a practical test. The mild attack developed by a single inoculation was found to confer only partial immunistry, which could be rendered complete by:

simatic conditions, and to the care of the himals during the period from the inoculation fever, the method is thoroughly the same blood. We remember once in purchasing a boar at the state fair we took every precaution infested regions in winter and under toper precautions immunised in the pount, or they may be inoculated and reneated immune in the north before shiptent.

The economic importance of this discovery. The economic importance of this discovery.

The economic importance of this discovery is apparent when it is considered that under ordinary conditions from 60 to 70 per cent of northern cattle shipped into the infested regions die from the attack of Texas fever. This high rate of mortality has greatly hindered the shipment of high-in cattle, or of Duroc Jerseys and Polanda back horse, results in animals which red northern cattle to the southern states re breeding purposes and for the im-covernent of beef and dairy herds. Re-eated attempts have been made to introce thoroughbred bulls into southern erds, but so often with disastrous results as to discourage attempts in this directhe sad news of the death on Ausouth, especially the dairy cattle, and has
retarded the development of the dairy interests of the south
Sanders was the second son of
3. H. Sanders, founder of the
"was 2 years of age and a
ian of rare promise. He had
if the engraving denartment of
the engraving denartment of This has exercised a very marked

The Arkansas Experiment Station re-ports in Bulletin No. 58 the results from grazing steers on a corn and cow see field (after the corn was pulled), supplementing this with as much cotton seed as the animals required. Five steers were fed on a mais required. Five steers were red on a five-acre field. The corn yielded 25% bushels to the acre, which was regarded as hardly an average crop. The cow peas made more than an average growth of vines but less than an average crop of peas. None of the latter were picked.

The steers required 55 days to consume

The steers required 65 days to consume all the food on the five acres. They were allowed access to only one-third of the field at a time. The cotton seed was always accessible and was consur ways accessible and was consumed ad libitum. During the first 30 days of the test, while the pea vines were yet green and peas were accessible, the steers ate very little cotton seed. At the beginning of the test the five steers weighed 2 555 b. The consumer of the steers weighed 2 555 b. The consumer of the steers weighed 2 555 b. The consumer of the steers weighed 2 555 b. The consumer of the steers weighed 2 555 b. The consumer of the steers weighed 2 555 b. The consumer of the steers weight and the steers weight and the steers weight as the stee

steers weighed 3,858 lbs. The average daily gain was two lbs. per steer. The aver age amount of cotton seed const steer during the whole test was 250 lbs steer during the whole test was 250 lbs. Rating cotton seed at \$8 per ton, and making suitable allowance for the cow peas planted, the cultivation of the crop, and the labor of feeding the steers, the cost of a pound of gain was calculated to be 1.6

"In estimating the cost of the grazing the cotton seed and cow peas are charged to the feeding, but it is reasonable to supwas estimated that the steers grazed the three lots of the field about as follows (On the first plat, one-third of the field) all the pea vines, husks, fodder, and about one-fourth of the stalks were eaten. (On the second and third plats, each one-third of the field), frost having fallen October 22, the steers ate about two-thirds of the pea vines, all the husks and fodder, but searcely any of the stalks. The results of

INBREEDING.

Judging from the tone of some of our Jugging from the tone of some or our live stock papers and some of the pro-fessors at our agricultural experiment stations, inbreeding is likely to come in favor again with a certain class of breed-ers, says "Wallace's Farmer." Many ar-supports can be reduced in favor of it. uments can be produced in favor of it t can be said truly that the founders of preeds were almost invariably in-breed-

cases out of ten it will increase the ten-

lem for the south.

In the present state of the method, when due care is exercised, the loss from inoculation fever or from the development of the disease on account of failure in producing immunity is so small that it may almost be neglected. The loss for all the animals inoculated was less than 8 per cent. When proper regard is had to the condition and age of the animals, to the climatic conditions, and to the care of the animals during the period from the inoculation to complete recovery from the inculation to complete recovery from the inoculation fever, the method is thoroughly reliable. Northern cattle may be taken into infested regions in a second of the same blood.

We remember once in purchasing a boar at the state fair we took an in the same blood.

Chinas in hogs, results in animals which for meat purposes are superior to either one. We have of late come to the conclusion that the reason for this lies in this fact, that under these circumstances there is no possible line breeding; in other is no possible line breeding; in other words, that the mating of opposite breeds does not increase vitality, but maintains

We take it to be a most remarkable fact that nearly all the great breeders, when they sold out and dispersed their herds, had carried them to the point that they themselves knew it was not possible for them to carry them further. They had be-come wedded to certain strains of blood more or less closely related. Their admore or less closely resided. Then admiration for these strains had warped their judgment, but they still had sense enough to perceive that while the strain or breed might be improved, it must be by some man whose judgment was not warped by his affections.

Crutickpank produced one of the finest

Cruickshank produced one of the finest strains of cattle that has ever been produced. He did it by selecting the best individual without much reference to breeddividual without much retrease to breed-ing, keeping always, however, within the limits of the breed. It is generally con-ceded, however, by men who knew his herd best, that he had gone to his limit and did a wise thing in the dispersion of his herd.

In conclusion, while much may be said in favor of inbreeding, it should not be said to the average farmer, and if said he should be advised to disregard it. Leave inbreeding to men to whom glory, and not cash, is the main object.

THE NECESSITY FOR IMPROVING.

Anything in the nature of a halting Anything in the nature of a hatting policy verges on a dangerous policy, for it tends toward stagnation, and stagnant conditions very generally lead to retrogression. In this country the genius o our people naturally presses onward and upward. We do not rest contented with upward. We do not rest contented with the musty, doubtful precedents of the past —we go on and create new ones. If we are unsuccessful in one way we endeavor to succeed in some other, but no matter how sagacious may be our course, conditions sometimes confront us that make it to the feeding, but it is reasonable to sup-pose they will, as manure scattered over the soil, increase the yield of the suc-ceeding crop more than their cost. The advantages of feeding cotton seed to the steers instead of corn are cheapness as a food and greater value as a fertilizer. It ssing. This is so self-evident that it well becomes our farmers and the true friends of agriculture to do some advance thinking and acting, says the "Home-

country is, it was the last interest in the ccuntry thought worthy of being given such recognition as it is entitled to through a cabinet position in the counsel carcely any of the stalks. The results of of the nation. It is a fortunate thing for the grazing of this field indicate that the corn should be gathered and the animals turned to grazing as early as possible benaintaining foreign markets, but also to a considerable extent in wisely directing and controlling our experiment stations As we think over the vastness of our agricultural interests, it seems strange that cultural interests, it seems strange that an industry of such magnitude can be carried on so quietly. Were it not for the bulls and bears in the wheat pits some people might never know there was such a thing as an agricultural industry in ex-istence. Might it not be better to change our methods in this respect? Is there not south and then dipped to preventing their infection by Texas fever. preventing their infection by Texas fever. A single dipping was found insufficient to destroy all the ticks, and a frequent repetition of the process was found to be severe on the animals and not entirely effective.

The fective of the disease in a second to be severe on the animals are to render a fective.

The fective of the disease in a second to be reformed considerably. In a dation for the formation of breeds and the production of individuals which have become famous as the breed itself.

The same argument might be made to render the production of individuals which have become famous as the breed itself. All this is true, but it does not follow, spin." The same argument might be made wheat pits of our board of trade buildings. While this class of breeding will fix the type, whether for good or ill, while it will produce some animals of remarkable beauty and symmetry, when done by an expert in mating live stock, the farmer who follows it, either intentionally or accidentally, or by neglect curacy the work done by our department special or the intentional of the condition of corn and wheat crops throughout the country, and estimating their volume, that many provided into the United States for exhibition purposes at the International Live intentionally or accidentally, or by neglect therefore, that the farmer should practice against a great many speculators in the in-and-in breeding. While this class of wheat pits of our board of trade buildings. when done by an expert in mating live stock, the farmer who follows it, either intentionally or accidentally, or by neglect or unwillingness to buy sires for his herd, will do it practically to the ruin of his herd. Because Bates, or the Collings, or Cruickshank, among cattle breeders, or any of the noted breeders, or any of the noted breeders of sheep, hogs, or horses, can do this successfully, and with some of the best results, and many bad results of which he never allows his neighbor to hear, it does not follow at all that the ordinary farmer can follow his example.

Generally it will reduce the size. Nearly always it will reduce the vitality. In nine

mation, there could be a great improvement on our present arrangements.

If anyone chooses at the present time to watch the movements of commission

the man who follows it, either intentionally does it to the last immune cattle, a method was worked out and given a practical test. The mild attack developed by a single inoculation was found to confer only partial immunity, which could be rendered complete by a subsequent inoculation.

The Bureau experiments reviewed in the present number were made with ten ordinary grade animals. The work reported by the Missouri and Texas stations was with over four hundred animals, mostly thoroughbreds, and under conditions, which were a severe test of the efficacy and practical application of the treatment. In general, thoroughbred cattle are more susceptible to the disease than grade cattle, and from a practical point of view the introduction of high-bred stock into the regions infested by Texas fever is very desirable and has often been attempted. Hence, the work not only demonstrates the reliability of the method on a large scale, but carries with it the solution of an exceedingly important practical problem for the south.

The present state of the method, when in the regions infested by Texas fever is very desirable and has often been attempted. Hence, the work not only demonstrates the reliability of the method on a large scale, but carries with it the solution of an exceedingly important practical problem for the south.

The present state of the method, when it can be a present state of the method, when it care is exercised, the loss from inocute late of the south.

The present state of the method, when it is to cross on his young things animals which in two or three generations, he will be surprised to to show many times they run back to safely and provided and provided and provided and provided and practical problem for the south.

The present state of the method, when it is to cross on his young things animals which in two or three generations, he will be surprised to be a line between the development of the country, they will inded a good deal of the same blood ines, it is to be now make the movements of the them

ADVANCING MARKETS FOR LIVE STOCK.

According to the custom that time has established at the Union Stock Yards in estanished at the Union Stock Yards in Chicago the week's market for almost ali stock closes practically on Friday, the "Breeders' Gazette" says, hogs being the only animais that are received on Satur-day in any numbers. Some few sheep and cattle come forward on the last day of the week, but they are as a rule not of suffi-cient merit to warrant any change in val-cient merit to warrant any change in valcient merit to warrant any change in val-At the close of business at the yards last week a most satisfactory basis of actions had been established in all transactions had been established in all branches. Cattle sold for more money than they did on either of the preceding four days and so keen was the competition that the best market in four long months resulted. Salesmen were not slow to say that if any strictly prime steers had been on sale \$56.05.65 to \$5.00 would have had been on sale \$6.05 to \$6.20 would have been readily offered for them, while \$5.70 was paid for several loads that seven days previously would hardly have brought \$5.60. As the latter figures repre-sented a rise of at least twenty cents the steer market may be said to be in a very

Hogs sold to \$5.50, six loads averaging 179 to 198 lbs. bringing that price. The shipping demand was brisk and the packers ping demana was brisk and the packers wanted hogs, with the profitable result noted. Prices in the hog pens have fluctuated recently, the market having been extremely sensitive, but little by little the values have been turned upward. From the disastrous fertnight when the sheep market was in a state almost of panic a readjustment of prices has been gradually going on and by Friday last comporative. going on and by Friday last remunerative figures were again prevailing. Lambs, both native and from the range, got back gan to cause the packers to curtail their purchases, picked up appreciably with sales at as good a price as \$4.50 for desir-able lots. Alogether the tale to be told from the yards at the close of the last-fin-ished week's business is a pleasant one, and as the rise has taken place in the face of liberal receipts it is only fair to presume that the present price level will presume that the present price level will

prevail for same length of time.

BRITISH SHORTHORN BREEDERS. At the meeting of the British Shortof the worlds pedigreed cattle business fully warrants the calling of a cattle men's convention similar to that recently held by the seepmen at the Royal Show. If the present conditions are to contine it would seen as though benefit would accrue from such a meeting, for then arrangements could be made for the issuance of identical export certificates and for the adequate protection of purchasers against animals infected with or sufferagainst animus infected with or super-ing from disease. It may be that the English bresers of Shorthorns have in view the securing of a relaxation of the regulations enforced by both the United States and Canadian Herd Books with reference to mimals not tracing to ancestors recorded in the first twenty volum of Coates' Herd Book, but at all event cre are man questions that could pro-ably be considered by such a gathering and it could vell enough be called next season, when the majority of American, Canadian and South American purchasers are in Great Iritain,-Breeders' Gazette

fowanda, Ill., is advertising for a herdsa good place vith Mr. Jones

SHROPSHILE RAM.-W. D. Wade, La-

A CURE FOR BLOAT.-Will some one among RURA, WORLD readers tell me how to treat bloat in cattle caused by grazing on cleer?

S. N. WILSON.

Laclede Co., Mo.

In the RURL WORLD of July 25, on

page four, uner the head of Stock Notes. will be found irections for treating cases of bloat. SHROPSHIP RAMS-L. G. Jones. To-

wanda, Ill., I advertising in this issue Shropshire rays. Mr. Jones has a good flock of well-ted sheep. He will sell his stud ram or exhange him for one equally

Market Report Furnished by Evans-Sni der-Buel Company.

RECEIPTS during week ending Aug. 19 were 15,607 cattle, 22,410 hogs and 14,8 sheep, against 17,781 cattle, 20,168 hogs an 8,700 sheep the previous week, showin decrease of 2,174 cattle, increase of 2,2 hogs and 6,150 sheep; as con corresponding week year ago, an increase of 3,500 cattle, decrease of 4,600 hogs and increase of 7,000 sheep. The four leading western markets this week received more cattle than ever arrived before for corresponding week. The total was about 140,-600, or 18,700 more than previous week. out 21,000 more than year ago, and 43,00 corresponding week is The big increase in cattle receipt at western markets was made up princ CATTLE-Receipts of native cattle hav

en fairly liberal here and quality ran

been fairly liberal here and quality ranged about same as on previous week, the de-crease being in the quarantine division. The native trade was about the same as last week, and prices were very satisfac-tory. Market closed on Friday practically the same as last week. Best steers here averaged from 1,485 to 1,835 ibs. and sold at \$2.75. Bome strictly choice ateas could Some strictly choice steers cou have been sold as high as \$6.00 per The range between the good, thick-facattle and the half-fat, greenish kind cattie and the half-fat, greenish kind is getting wider, and greenish kinds are no in as good demand as better grades, or account of grass and western cattle. Bull of 1,300 to 1,450 lb. steers sold at \$5.35 t. \$5.70, 1,299 to 1,260 lbs. \$5.00 to \$5.25, 1,100 to 1,200 lbs. \$4.90 to \$5.25. Receipts of cow as heifer butcher cattle were only moderate helfer butcher cattle were only moderate, and prices on very best grades ruled steady throughout week, fair to good grades sold 15 to 20c lower. Best butcher helfers here averaged 752 lbs. and sold at 34.90. The middle class of cows also ruled 15 to 20c lower, while canning grades were from steady to 10c lower, and very best grades about steady. Receipts of stockers and feeders have been liberal and referen and feeders have been liberal, and price and reeders have been liberal, and pric-on best grades declined 15 to 20c per cw with very few of this class offered fo-sale. The medium and fair to good on declined 25 to 50c, compared with close-last week. The commonest class were vepean market for United States cattle wa quoted lower, and exporters bought co siderable less cattle this week than last. Quotations as follows are calculated on present basis of value: Best native beef steers, strictly fancy cattle, 1,300 to 1,500 lbs. average, \$5.50 to \$6.50; choice export steers, 1,300 to 1,500 lbs. average, \$5.50 to \$5.75; good shipping and export steers, 1,300 to 1,500 lbs., \$4.55 to \$5.75; good shipping and export steers, 1,300 to 1,500 lbs., \$4.55 to \$5.15. The bulk of the native beef steers averaging 1,300 lbs. and upwards were of good to choice quality sold at \$5.55 to \$5.70 and the top price was \$5.75 for 1,438 and 1,535-lb. Orderings. Steers, 1,200 to 1,250 lbs. average, full range, rough to best, \$5.00 to \$5.50, bulk of sales at \$5.00 to \$5.50, steers, 1,000 to 1,190 lbs. average, full range. \$4.30 to \$5.50, transe. \$4.30 to \$5.50, transe. \$4.50 to \$5.50, bulk of sales at \$5.00 to \$5.50; steers, 1,000 to 1,190 lbs. average, full range. \$4.30 to \$6.50; transe. \$4.50 t last. Quotations as follows are con present basis of value: Best na 1,000 to 1,190 lbs. average, full range, \$4.20 to \$5.25, bulk of sales at \$4.90 to \$5.25; steers weighing less than 1,000 lbs. full range \$3.40 to \$5.25, bulk sold at \$4.50 to \$5.05; feeding steers, fair to choice, 800 lbs. and upwards, \$3.50 to \$4.75, bulk at \$3.70 to \$4.06, and the contract of the c wards, \$3.50 to \$4.75, bulk at \$3.70 to \$4.05, and they were very plain quality; common to choice stockers, \$2.35 to \$4.50, bulk at \$3.15 to \$3.75, and the quality was common; stock helfers full range \$2.00 to \$3.00 and the bulk at \$2.55 to \$3.25. Fancy native helfers sell at \$4.70 to \$5.00, and there were very few on the market; choice native helfers sell at \$4.40 to \$4.65; good native cows and helfers sell at \$1.50 to \$4.55. helfers sell at \$4.90 to \$4.65; good native cows and helfers sell at \$5.50 to \$4.35; medium cows at \$2.75 to \$3.40; fair cows \$2.50 to \$2.70; inferior, light and old cows \$1.50 to \$2.40; the bulk of the Southwest cows sold at \$2.40 to \$3.15 and the bulk of all the cows sold at \$2.75 to \$3.75; canning cows sell at \$1.50 to \$2.85. Veal calves, full range \$4.00 to \$8.50 per 100 lbs, bulk at \$5.50 to \$6.55 per 100 lbs; heretics and yearlings sold at \$2.25 to \$4.80 per 100 lbs., with the bulk at \$3.00 to \$4.00. Bulls, full range \$2.30 to \$4.00. Bull oulk at \$3.00 to \$4.00. Bulls, full range \$2.

bulk at \$3.00 to \$4.00. Bulls, full range \$2.30 to \$4.00, bulk of sales \$3.00 to \$3.25; stocker bulls sold at \$2.65 to \$3.40, the bulk at \$2.55 to \$3.15. During the week the milkers sold at a full range of \$23.00 to \$45.00 per cow and calf, the bulk of sales being at \$30.00 to \$35.50.

Receipts in coverentiae distribute the coverents of the sales being at \$30.00 to \$35.50. Receipts in quarantine division this Receipts in quarantine division this week amounted to 346 cars, bulk being from Indian Territory. Quality was about same as on last week, and good steers at close this week figure shade stronger than last, while medium and common ones are 5 to 10c lower. Calves are fraction higher; cows and heifers held about same. The heat steers in quarantine divisions are

est steers in quarantine division averaged 1,132 lbs. and sold at \$4.50. Bulk of 956 to 1,100 lb. steers sold at \$3.90 to \$4.35, 800 to

ket was 5 to 10c higher, with bulk selling at \$5.35 to \$5.40, with 55 select, averaging 248 lbs., at \$5.50. Wednesday, strong, 5c opened 5c lower, but before it was fairly ing \$5.25 to \$5.40. Friday, with heavy rur and unfavorable advices from other points, market was full 10c lower than points, market was run loc lower than Thursday, bulk \$5.25 to \$5.30, with lights selling at best prices. Saturday, with light run, market opened shade lower. Range of prices: Butchers and packers \$5.20 to \$5.25; Yorkers and shippers \$5.25 to \$5.20; heavy pigs \$5.15 to \$5.25; light pigs \$4.55 to \$4.50; heavy pigs \$5.15 to \$5.00. 44.50 to 44.75; rough heavies \$4.50 to \$5.00.

SHEEP—With \$,560 sheep and lambs on sale Tuesday the market on lambs declined fully 50e per cwt., while sheep sold weak to 10e lower. Under moderate receipts for balance of week the market advanced 25c per cwt. on lambs, while sheep sold strong and active. Receipts of stockers have been light and the market steady. We quote following prices: Best lambs \$5.00 to \$5.25; best sheep \$4.00 to \$4.50; best bucks \$2.50 to \$2.75; stockers \$3.00 to \$3.75. Monday, Aug. 13, 1900.—CATTLE—Receipts of cattle at Chicago to-day reported at 22,000 and market 10e lower on everything except strictly best. Kansas City reported 11,000, and about \$,500 were on sale at this market. Receipts in native division were moderate for Monday, and prices \$4.50 to \$4.75; rough heavies \$4.50 to \$5.00. ion were moderate for Monday, and prices

steady to 10c lower. Cattle in quarantine division sold 10 to 15c lower. HOGS-With light run here and very heavy run at Chicago, market was 5 to 10c lower. SHEEP-Receipts light, market strong

to 10c higher on lambs, steady on sheep. If you feed and water stock, write O. K. Harry Steel Works, St. Louis, for Catalogue.

SHORTHORN BULLS FOR SALE!

Baron Thorndale 135,000; Durz Roun or April 35,7150 at \$500, or will trade him for heffers. Also 6-year bulls by Baron Thorndale and out of dams of Easterday and Secret, those strains have been in the bard bulls by Baron Thorndale and out of dams of Easterday and Secret, those strains have been in the bard

Gentry Bros., Sedalia, Mo.

CEDAR VALE STOCK FARM.

Grand Duke of Hazelburet 125484, 4s-sisted by Waterioo Duke of Cedar Vale 138888, and Waterioo Duke of Cedar Vale 26 188888 hands out hard of pure Bates and Bates topped, pure Booteh and Booteh topped down orpha most fashionable families.

86 Young Bulls and Heifers for sale at reasonable prices. Parties met at train. Farm 2 miles out. TELEPHONE NO. 20.

IDLEWILD SHORTHORNS!

SHORTHORNS, BERKSHIRES and JACKS.

Shorthorns Scotch or Scotch Top and Bates mostly. Berkshires best blood in America and England Stock of all ages and both sex for sale. Call on or address, N. H. GENTRY, SEDALLA, MO.

ST. LOUIS NATIONAL STOCK YARDS, THE LIVE STOCK MARKET OF ST. LOUIS. at Bast St. Louis, directly opposite the city of St. Louis, opers should see that their stock is billed directly to the

National Stock Yards.

CHOICE SHORTHORN BULLS FOR SALE!

13 Scotch and Scotch topped bulls of the low down, blocky type. One is a Cruickshank Orange Blossom, one a Ramsden. Also a few choice helfers not related to bulls. Address, PURDY SROS., FAIRVIEW STOCK FARN, BARRIS, 88.

BLACKWATER SHORTHORNS! F. M. MARSHAL, Prop., BLACKWATER, SHORTHORNS! F. M. MARSHAL, Prop., BLACK WATER, No. Herd headed by the Cruickshank Bull, Orange Hero, by Godoy. Females are of pure in the Bates, with individual merit the standard. Young stock of both sex for sale.

CRYSTAL SPRINGS SHORTHORNS

12 Yearling Bulls and 15 Yearling Helfers, all reds, for sale, out of sows of the Kirikerington, Acombs, Rose of Sharon, Princes, Braceletts and Goodness families, and sired by Chief Yiolei (the 111304, Kirkievington, Duke of Haselburst 11th, 133652 and Wooddale Victor 12307. Come and see them. ther will bear inspection. Farm joins town.

"Pasteur Vaccine"

SAVES CATTLE FROM -BLACK LEG

Nearly 2,000,000 successfully treated in U. S. and Canada during the last 5 years Cheap, safe and easy to use. Pamphlet with full particulars, official endorsement and testimonials sent FREE on application.

Pasteur Vaccine Co., chicago. BRANCHES: St. Paul, Kansas City, Omaha, Ft. Worth, San Francisco.

Veterinary.

Write questions on one side of paper only, and separate from other busi ness. Those wishing a written reply pri vately must accompany their request with a fee of one dollar, the professiona opinion being one of private advantage.

BLOODY MILK.-I have a cow that two or three weeks ago commenced to giv bloody milk out of one teat, and now give bloody milk out of one teat, and now gives it out of the rest. Can you tell me what to do to cure it? There is no apparent cause. The cow is in good health and in good condition.

C. E. KEARNEY.

Ralls Co., Mo.

Bloody milk is due to one or more of the blood vessels being ruptured either only no one quarter or perhaps all. The rupture

in one quarter or perhaps all. The rupture is brought about by a number of causes disease of the udder, an over-distensio disease of the udder, an over-distension with milk, mammits, caked udder or garget, tumors, tuberculosis, blows from sticks and stones, being run by boys, etc. Keep the cow away from other animals. If the udder is caked poultice it until all swellings have subsided; milk her clean exercial times a day. As you do not state to 1,100 lb. steers sold at \$2.90 to \$4.25, 800 to \$00 lbs. \$3.60 to \$4.00. Light weight steers, \$650 to \$00 lbs., \$3.00 to \$3.50, best grades fed steers, \$00 to \$1.000 lbs., are quotable at \$4.75 to \$5.25. Cows and heifers \$3.00 to \$3.85, bulk \$2.85 to \$3.35, bulls \$2.90 to \$3.85, stags and oxen \$3.25 to \$4.35, calves \$7.75 to \$11.00 lb. \$1.25 to \$1.00 lb. \$1.25 to \$1.25 to

WORMY LAMBS .- I have some lamb sick with scours. I have lost seven, and there are more taking it. None of the ordinary cures does them any good, sucl as raw eggs, flour and water, etc. I have examined several that have died. third stomach has fine worms in the out third stomach has line worms in the out-let, and the fourth stomach is full of black water and worms around the lining. The most of the flock are doing well, and only a few of the old sheep have it. St. Clair Co. Mo. D. R. WILKINS. In the RURAL WORLD of August 8 there is quite an exhaustive article on the

there is quite an exhaustive article on the kind of worms that are no doubt infesting your lambs. The remedies recommended might be profitably used by you in treat-THOUSANDS OF HAPPY HOMES.

If anyone contemplates a change

residence, he should not overlook the at-tractions and advantages of Utah. There are thousands of acres of splendid land at varoius points on the line of the Rio Grande Western Railway in that state. The soil is very productive and the mar ket close at hand. The climate is superb ket close at hand. The climate is superb, being temperate the yeer round. The sugar beet industry as well as fruit culture, etc., are prominent features of these agricultural districts. Bend 2 cents postage for a copy of "Lands" to Geo. W. Heints, General Passenger Agent, R. G. W. Ry., Salt Lake City, Utah.

rains wash it and run the washings down the hill, run the liquid manure on to the garden or the small fruit. Don't let it go to waste. If the barnyard is so situated that the

SHORTHORN CATTLE, erkahire Hogs. Angora Goats. Light Brahma and blden Seabright chickens. Stock and eggs for Js. Call on or address. J. LITTRELL, Sturgeon, Mo.

ENGLISHRED FOLLED CATTLE fine stock. EF Your orders solicited. L. K. HASELTINE, Dorchester, Green Co., Mo.



The Aberdeen Angulus Internation of the Piasa del. Jow down, blocky and petrope for the Park of the Pa

HEREFORD CATTLE. N. E. MOSHER & SON, Salisbury, Mo

Shorthorn Heifers

FOR SALE—By Baron Champion 12702, and out of Rose of Sharon Craig's family, at a bargain if taken soon. Call on or address POWELL BROS., LEE'S SUMMIT, Mo.

20 SHORTHORN BULLS and HEIFERS For Sale. They were sired by the famous Red Butterfy 19674, Grand Victor Leonard 13684, and the £525 bull. Duke of Hardson 12897. First and last pure Cruickshanks the other two Cruickshank crosses. Five roans, others reds. Good individuals. son 128967. First and her two Cruickshank w. H. H. STEPHENS. Bunceton. Mo.

Maple View Herd of Aberdeen-Angus Cattle. Sire in service Admiral of Batil 28616. 3 yearling bulls and a few females for sale. JOHN L. GAISHE, Charleston, Ill

Aberdeen-Angus Cattle. Hero of Estill 3d 2006 by Heathen Lad 2d heads the herd. Leading families. For sale: Choice young bulls and females. Watson Bros., Judson Sullivan Co., Mo., J. T. WATSON, Mgr., R. B. Sta Harris, Mo.

JOKN MORRIS, CHILLICOTHE, MO.

AUCTIONEERS.

JAS. W. SPARKS, Marshall, Mo. been and am now booked or the best sales of hogs and horses held in America. Terms low

DAIRYMEN AND STOCKMEN

compare with the original "Shae-Fly," we compare with the original "Shae-Fly," we compare with the original "Shae-Fly," we consider that the shadow of the s

Horseman.



his son, York Wilkes, took a record of 2:12%, and last week his granddaughter, May Alcott, took a mark of 2:12%, and both were winners of five-heat races. It is worthy of note that the blood of American Star is prominent in the blood lines of these good trotters. York Wilkes is out of a Robert McGregor mare, while May Alcott's dam was got by a son of Aberdeen. Grattan Boy, who won second Aberdeen. Grattan Boy, who won second money in Cresceus' great races, is by a son of Wilkes Boy and out of a daughter of Robert McGregor.

the German government are already here

A queer disease which is quite preva-

5. A. Tutte, V. S.

The Reservice Treating Fash, Mass., March 25, 1900.

The Reservice Treating Fash, Mass., March 25, 1900.

The Reservice and some Eltric for the past isn years, in the star march and grant holy wash. I consider it the best wait keeping because any grant holy wash. I consider it the best wait keeping because and the star part of the star part

L. E. CLEMENT'S HORSE GOSSIP.

Editor RURAL WORLD: Walnut Bo on and Victor Ene have their first Wilton owned by M. Beamer has a new one in Fortune Hunter, dam by Revenue, 2d dam by Pilot Mambrino 632, 3d dam by Merchant. John R. Gentry, Theo. Shelton and Riley B. were all purchased as colts, and developed by Missouri owners. The third meeting of the Market Fair, Carthers Mochanic States. Carthage, Mo., has been held. The mandrivers, particularly of those who drive a waiting heat, bide their time and ask the horse in the home stretch, it should be remembered that the horse plays the most important part and the winning animal has generally a little more speed and strength left for a do or die effort than his beaten competitor.

They might have placed advertise ments where they would have done mor strength learn. They might have placed advertise ments where they would have done mor strength learn. They might have placed advertise ments where they would have done mor strength learn. They might have placed advertise ments where they would have done mor strength learn. They might have placed advertise ments where they would have done mor strength learn. They might have placed advertise ments where they would have done mor support the worst fake it ever saw extensively, in local press and placed advertised the worst fake it ever saw extensively, in local press and placed advertised the worst fake it ever saw extensively, in local press and placed advertised the worst fake it ever saw extensively, in local press and placed advertised the worst fake it ever saw extensively, in local press and placed advertised the worst fake it ever saw extensively, in local press and placed advertised the worst fake it ever saw extensively. In local press and placed advertised the worst fake it ever saw extensively. In local press and placed advertised the worst fake it ever saw extensively. In local press and placed advertised the worst fake it ever saw extensively. In local press and placed advertised the worst fake it ever saw extensively. In local press and placed advertised the worst fake it ever saw extensively. In local press and placed advertised the worst fake it ever saw extensively. In local press and placed advertised the worst fake it ever saw extensively. In local press and placed advertised the worst fake it ever saw extensively. In local press and placed advertised the worst fake it ever saw extensively. In local press and placed advertise agement here had an opportunity to learn. They might have placed advertisements where they would have done more good. They advertised the worst fake I ever saw extensively, in local press and by large board bills, an automobile race, in which a restellar and an electric re-

spensally a little more speed and strength left for a do or die effort than his beaten competitor.

While at the Holden, Mo., fair isst week we learned that the dam of Mary A., 2:14%, was sired by Monitor, 1327, formerly bred and owned by the Colman Stock Farm. She was bred and raised by Simeon Blackburn, Knob Noster, Mo., as was her dam also. Mr. Blackburn also bred and raised George Brenner, 2:17%, and he was also sired by Monitor, 1327.

The Colman Stock Farm horses were quite successful at the Holden, Mo., fair last week. Monnut, by Walnut Bay, dam by Monitor, won on Wednesday the 2:25 pace in three straight heats, best time 2:28, on very slow track. Mongold, b. s., by Aliandorf, dam by Monitor, won the second money, in the 2:24 trot, best time 2:24. Alpha Wilkes won third money in the 2:29 trot.

Cresceus has not yet been proclaimed the king of trotting stallions, as the 2:66% of Directum still stands as the top figures, but in the mind of every horseman, no doubt, he is considered the greatest trotting stallion that ever graced the American turf. His heats in 2:67%, 2:266.

The racing with harness horses was first-class, except on Wednesday, when there were only three starters in each race and won in straight heats, Frank Ervin reduced his trotting reduced his trotting reduced his record to 2:24%. A good three-year-old showed up in the black three-year-old showed up in th

that were all too small of the final man, no doubt, he is considered the greatest trotting stallion that ever graced the American turf. His heats in 2:07%, 2:06 and 2:06, in Columbus, following so closely upon his heats in 2:07% and 2:06% at Cleveland, are by long odds the fastest.

The Wilkes Boys' come to the front every year. On the grand circuit last week his son, York Wilkes, took a record of 2:12%, and last week his granddaughter, ing for specific properties of starting for specific properties of specific pr freight added, that the man that wins has nothing to throw away, and the fellow who does not win can't always borrow to pay a fine that should not have been assessed. Mr. Wood owns the great sire Truce, brother to Norther, one of the best race horses ever developed in Missouri.

son of Wilkes Boy and out of a daughter of Robert McGregor.

And now the war in China is demanding blooded horses as well as human blood to sacrifice. A dispatch from New York says the German government alone has sent agents to the United States with orders to purchase 30,000 horses in the United States in the United States in the United States with orders to purchase 30,000 horses in the United States with orders to purchase 30,000 horses in the United Intervention of the youngest sons of Blue Bull and was bred by the late James Wilson owner of Arrowwood, the highest priced weanling ever sold at public sale. Kindergarten, son of Blue Bull I have ever seen. His best bad gaited horse that ever started. Bull and was bred by the late James Wilson and was owned by Rich Wilson owner of Arrowwood, the highest priced wean-ling ever sold at public sale. Kindergarten is a bay with less substance than any son of Blue Bull I have ever seen. His dam was Tinie Wilson, by Legal Tender 1784. In the 2:40 trot at Marion, Ind., the black gelding Morning Star by Kindergarten, won a straight heats in 2:304. 2:37.

I see some one says Grattan Boy is the

big son of Andante.

Mr. Pocock, the driver of Avenue King,

to prevent crowding. Herein the mares and foals may take refuge from the rays of the fleree sun or the driving rain and the flies will not penetrate into the darkof the fierce sun or the driving rain and the files will not penetrate into the darkness in any numbers. Such sheds may through lack of attention become breeders of pestilence—simply on account of not being cleaned out. The good done by the shade may be more than counteracted by the emanations from the filth allowed to accumulate. The land on which the manure is spread will give back fourfold the expense of keeping the shed clean. The "creep" for the foals also ought to be roofed in and it is no bad idea to have another sort of a shelter, one without sides, under which the mares may stand on windy days. Place the required number of stout poles in the ground (sometimes four will be enough) and then construct a pole roof, thatching it with marsh hay so that it will shed rain. The cost of such a shelter is very slight. The mares will divide the days between the shed and the shelter, the amount of wind blowing regulating their ability to fight the files satisfactorily. The shed may be Well rated he should trot right now over.

and pasture grasses will supply a sufficiency of succulence until well toward the end of August. In other seasons the supply described will keep in fair flesh even on rather short pasture, but the foals will not do so well and the teachings of experience are that for the two to do as well as they ought a bountiful ration of succulent green food must be given every day and better twice a day. With this object in view the owner ought to plant somewhere convenient to the pasture he designs for the use of the mares and foals a patch of sweet con and field probably tell him that Cresceus can beat the continuous and get it into the ground early—the earlier the heating for the pasture, and the properties and foals a patch of sweet control over his horse and each in a different manner infuses into his horse a desire to do his utmost. Who after seeing such drivers, when at their best, can be sire to do his utmost. Who after seeing such drivers, when at their best, can be sire to do his utmost. Who after seeing such drivers, when at their best, can be sire to do his utmost. Who after seeing such drivers, when at their best, can be sire to do his utmost. Who after seeing such drivers, when at their best, can be sire to do his utmost. Who after seeing such drivers, when at their best, can be sire to do his utmost. Who after seeing such drivers, when at their best, can be sire to do his utmost. Who after seeing such drivers, when at their best, can be sire to do his utmost. Who after seeing such drivers, when at their best, can be sire to do his utmost. Who after seeing such drivers, when at their best, can be sire to do his utmost. Who after seeing such drivers, when at their best, can be sire to do his utmost. Who after seeing such drivers, when at their best, can be sire to do his utmost. Who after seeing such drivers, when at their best, can be sire to do his utmost. Who after seeing such drivers, when at their best, can be sire to do his utmost. Who after seeing such drivers, when at their best, can be sire to do his u

es this season with Andrew Allison, the and not too long. It takes work to fit Mr. Pocock, the driver of Avenue King.

and if the owner does not intend to do

says he is not much of a hand for pushing

colts, but he says he thought he saw the

best lot of young things at E. Knell's

farm that he has seen anywhere, and

would like to try his hand with one or two

of them. Mr. Harm, who was at Carof them. Mr. Harm, who was at Carthage, says he has done a satisfactory business with Jimmle H., 3:21, at Belton this season. From Mecca and Clinker mares this fellow should make a great showing. Missouri will be in line from this time forward, with the best that can be bred. We are not breeding Wilkeses, nor Mambrinos, nor Belmonts. We are breeding horses on the Eclectic plan.

REARING COLTS RIGHT.

Shade must be supplied mares and foals that are kept continuously in pasture. Shade must be supplied mares and roams that are kept continuously in pasture. The best way during the warmest of the summer months and the worst of fly time is to confine the bands indoors during the day and let them out to the grass at night, feeding them grain as described at night, feeding them grain as described bowels. In this way mares that have time is to confine the bands indoors during the day and let them out to the grass at night, feeding them grain as described last week twice a day for the mares and whenever the foals want to pick at it. Still when this cannot be done, owing to the demands on the time of the owner or the location of the pasture land, a very good substitute may be found in the furnishing of ample shed room for both old and young. Select the proper spot (as indicated last week) and there near the 'foal creep' erect a roomy shed without windows, but with a door wide enough to prevent crowding. Herein the mares

shed and the shelter, the amount of wind blowing regulating their ability to fight the files satisfactorily. The shed may be constructed of rough boards for the walls, straight poles for the posts and roof supports and slough hay for the roofing material. Thus equipped mares and foals will all do very well if kept in the field all summer long and properly fed.

In some years of plentiful rainfall the pasture grasses will supply a sufficiency

to the form of the personalization of the many control personal control is accordance which is quite personal control in the personal control is accordance which is quite personal control in the personal control in the personal control is accordance which is accordance which is a personal control in the personal control in the personal control is accordance which is a personal control in the personal control in the personal control in the personal control is accordance which is a personal control in the Chauncey Summer, the secretary of the Galena, Kan., Fair Association, sold Don, 2:07%, at Columbus, Ohio, the day he was second in 2:06% for \$2.000. The horse in question is a brown gelding, was in a fire and his neck and poll were budly burned, taking off the points of his ears. He has been in the string of W. T. Ervin, who drove him to his record, and has driven a Riley B. to the four-year-old record of the year-2:06%.

D. M. Ervin drove the bay gelding been in the string of week and his neck and poll were budly burned, at the same time good horses of all ages to for a trong of the points of his care. The horse was paced so long he can hardly be depended on for a toting race pet, but in the three is little of sentiment in modern show-rile yield the has had such success, been as the same time gone far towards supplying himself with a ready market for surplus stock he may wish to for a toting race pet, but in the three to go to the show, pick out the best of the loi. True, he has not yet paced as fast as seme of the other canditions of the other canditions. He was a good of the swening the praise bestewed on it and the greater the measure of fame gained. There is little of sentiative is shown the greater with the sanguage for a good mare, fast and reliable. She was an honest performer last year and Doug. Thomas had one with her and every one of his friends will be pleased that he has had such success, when has the same time gone far towards supplying himself with a ready market for surplus stock he may wish to sell.

Therefore, a month before it is time to be to this criminal practice of laying up, or what is more accurate, of pulling a horse with due reference to the conditions governing the prizes it is desired to win. It has a good colt in Baron Dilion, Jr. He will make a race horse, and is bred to do it. Mr. Bwaggard has done a good busi-

be an excellent one. As it is now any m oe an excellent one. As it is now any man can violate the rule with impunity, for nothing more than a fine is inflicted and not infrequently this is so small that the driver doubtless smiles when he thinks what a good investment the fine will prove

to be.

Probably no better example of two dis Probably no better example of two dis-tinct styles of driving will be seen than that given in the last two heats of the race in which Gayton beat Dare Devil at Cleveland. Geers guided his horse, using with consummate skill all the art known to man to encourage, steady and electrify his charge without a word, without using the whip, sitting like a statue poised in the whip, sitting like a statue, poised in his sulky. He was like an Indian guidin his cance down a swift running rapid, his horse out to the last ounce, but the driver motionless. On the other hand, McHenry's horse was being forced along by the fury of a tornado, every possible art known was being used, sheer physical force backed up by the voice was brought. force backed up by the voice was brough into play. The horse was made to trot driven by an irresistible force, yet stead driven by an irresistible force, yet stead-ied by a skilled hand. Of the two there is little choice. Each fits certain horses. The finish made by McHenry was more spectacular, more enthusing and probably more effective on Gayton than would have here, the doublits refer of Communications. the latter is better form and a little mor skillful. In most cases it would be moreffective with horses of nervous tempera

valuable sires that ever nived need to be a seried of them. Clara, the dam of Dictator, was another, and Katy Dariling, dam of Alexander's Abdallah, another. Sally Russell, the grandam of Nutwood (2:13%), was blind, and so was Jessie Pepper, the grandam of Estabella, that brought 4,-600 under the hammer last week. Pilot Medium, one of the best sires of recent times, was a cripple. These animals possible the qualities, however, that probases the qualities, however, that probases and the distribution of the distribution of



GOOD NEWS TO HORSE OWNERS!



RE YOU FULL OF GINGER? If you want health and vigor, good appetite and

VITAL TABLETS, the quick and safe cure for Constipation, Nervous Dyspepsia, Insomnia, Nervous Affections, the "Blues" and all attend-

vigor which makes

pepsia, Insomnia, Nervous Affections, the "Blues" and all attend-ant evils. It aids digestion, purifies the blood, strengthens the nerves,

improves the appetite, induces sweet sleep, tones up the whole system and makes you a new creature. It not only makes you feel well, it makes you really well. It gives you that vim and

sound sleep, take LAXATIVE NERVO-

no narcotics nor bromides nor other injurious

drugs. We give the formula with every box. You know exactly what you are taking. Originally put up for physicians' use. Ask your druggist for a

FREE SAMPLE. If he hasn't is, don't take a substitute, but send us a stamp for our

book on "Health" and we will send you a free sample, sufficient for you to try it and test its merits to your own satisfaction. Im't it worth trying free? It positively cures. Price 10c and 25c per box. Don't delay sending.

The Modern Remedy Co., Kewanee, III.

PUBLIC SALE!

Sixteenth Semi-Annual Stock Sale At

Limestone Valley Farm.

Seven Miles East of Sedalia, Two Miles North of Smithton, Pettis County, Mo.

TUESDAY, SEPTEMBER 4th, 1900.

Will sell without reserve or by-bid, for cash or satisfactory bankable note with 8 per cent, interest from date
6 good grade 2-year-old steers; 60 extra good steer calves; 6 ligh grade bull calves;
80 good grade 2-year-old steers; 60 extra good steer calves; 6 ligh grade bull calves;
80 good grade clean white face yearling helfers; 10 mixed grade yearling helfers; 12 good mile) cows and calves; 40 good mule cofts; 2 pair of good a year old mare in ules;
10 extra good 4-year old registered saddle mare; 1 axide and high-school pony; 10 he ad of saddle and trotting, bred mares, fileys and colts; 40 extra good young poland china hogs, boars and gilts all eligible to registration.

Free conveyance from Beaman and Smithton. Dianer on the grounds by the ladies of the Christian church. Please come early.

M. Monsecs & Sons, Smithton, Mo.

cuse for those in any section of this country to use those that are not and never have been good individuals. Northern, and especially Eastern breeders, should be careful to select good stock from which to breed. It is a serious mistake for any breeder to whether her harders and the state of the section o ake for any breeder to raise inferior stock. It is also a mistake to rais than can be fed and well cared for prop

than can be red and well cared for properly and kept till matured.

This is especially true of those who breed on a small scale. The greatest demand to-day is for animals that are fitted for immediate use, and it will be so in the future. Very few are looking for young stock that hids feat to preue received. tock that bids fair to prove race win ers among the small breeders. nan has money to invest in that kind, h visits some noted breeding establishment or goes to Kentucky or California, where they fit the youngsters for sale by devel-uping their speed as yearlings. So many have paid high prices in the past for comising youngsters that failed to prov first-class animals at maturity that the ow prefer to pay more and buy matur nes that have been developed er

ones that have been developed enough to have their gaits established and show speed on a track when a reliable stop watch is held on them.

It is better to have one likely mature horse to sell, such as the majority of dealers and private customers want, than to have a harrful of the kind of which to have a barnful of that kind of which are a drug on the market, and that are are a drug on the market, and that are cating their heads off every year. Breed few mares of excellent quality to first-class staillons, feed liberally, take good care of the foals, keep them growing until matured, have them well broken to harness, sell whenever a fair offer is made, and have another growing up to take his place, is a safe rule for small breeders. place, is a safe rule for small breeder to follow.

FITTING COLTS FOR FALL FAIRS.

Most colts and fillies from weanlings to two and even three-year-olds entered fo premiums at fall fairs must be shown to premiums at tail fairs must be shown to halter. That is one of the conditions in nearly all cases. The owners or exhibit-ors of such must educate their youngsters to show well in this manner if they wish them to attract the attention of the awarding committee, says the "Horse Frencher."

was blind, and so was Jessie Pepper, the grandam of Estabelia, that brought \$4.500 under the hammer last week. Pilot Medium, one of the best sires of recent times, was a cripple. These animals possessed the qualities, however, that probably made them more valuable for brood and stud purposes than any other of the soundest and most perfect of their time. It is seen educated to trot to bridle soundest and most perfect of their time. No one house the seen educated to trot to bridle soundest and most perfect of their time. soundest and most perfect of their time.

They were excelient individuals. No one need hesitate to breed even now from such mares as they were. To breed from an ordinary animal that is crippled, blind or suffering from any form of hereditary unsoundness, however, is the height of folly. Better not raise any horses than which should be nearly over the withers, the instructor standing nearly opposite the left shoulder. After working the the left shoulder. After working the youngster awhile this way and getting him to go well the educator can take both reins in one hand under and pretty close to the chin, and finally, after he becomes manageable, a halter can be used instead of a briefle.

to 16 years old, who is a born horseman, is gentle but resolute, and will not hurt or gentle but resolute, and will not nurt or frighten the colt, either by whipping or loud, harsh language, makes an excellent instructor, but some of them need a word of caution from older heads, or they will be likely to continue the lessons too long

After a Brush you will find **ABSORBINE** Carrie Contraction of the Contra

quick to remove m any bruise or strain. No blister, no l use the Horse. ABSORBINE removes any soft bunch in a pleasing manner. \$2.00 per bottle of regular dealers or delivered.

W. F. YOUNG, P. D. F., SPRINGFIELD, . iso manufacturer of Taroleum for horses feet

OR SALE-Standard bred brood mares, fillies and coits. J. M. CLINE, Oakwood, Mo.

The Apollo Turkish Baths

821 LOCUST ST., Opposite P. O.

FISTULA, POLL EVIL and all Blemiahes on horses cure HAMER'S SURE CURE or i

COE'S ECZEMA CURE \$1 at drugglets. 25c. size of us

temper. It will do no harm to break the colts to harness provided they are not driven too much, yet the harness educa-tion will be of but little benefit to such as tion will be of but little benefit to such as mist be judged to halter. The coits should be in good flesh and well groomed, so that their coats shall be smooth and glossy. It will require some extra feed and labor to accomplish this, but it will pay.

KENDALL'S SPAVIN CURE

or a bruised heel with your famous Kensen of the colt through the colt bride transce the colt bride transce the colt bride transce the colt through the column transce the column the column transce the column transce the column transcent transcent

DR. S. A. TUTTLE, 27 Beverly St., Boston, Mass.;

Dear Sir-I have used Tuttle's Elixir for

pectfully yours,

before the judges. Such an education can-not begin too soon or when the colt is too say that I would rather have one bottle young, provided the educator is fitted for of Tuttle's Elixir than ten gallons of any other wash I ever saw or used, and I have used them all. It does not burn the coat, and I never saw a horse come out sore from a hard race, if used according to directions; and besides being a good body wash, it has no equal for Thrush, Colic, Rheumatism, or any aliments that horse or man are subject to. I cheerfully recommend to the collection of the collec ommend it to all brother drivers. Once used, always used. I am never without a dozen bottles of it, winter or summer.

A bright, intelligent, nimble lad from 14

55 Hoffman St., Elmira, N. Y., July 9, 1900.

Gentlemen:—Please ship at once, one case of Heave Powders, I am entirely out. I have sold the Heave Powders for over twelve years, and never had a

Home Circle.

Written for the RURAL WORLD. STANZAS TO A STAR

Over sun-lit sapphire seas I float Safe in Fancy's golden pleasure boat, With no fear of breaking, bending spar, Drifting on toward the ev'ning star

Ah, when life's fretful journey is run And the jeweled crown forever won, ould rest on thy crest afar ought sublime, sweet evening starington, D. C. —S. F. Gillespie.

Written for the RURAL WORLD. THE FARMER'S WIFE ANY RIGHT TO MAKE MONEY?

outside things."

Yes, that's it, shut her up in an eightby-ten kitchen until her skin cracks open
with heat. Let her dust, patch and scrub
until she is a first-class candidate for the
insane asylum. O, no! don't let her have
any way of getting a dollar except what
chance she has to coax one or two out of
the old man when he is in a good humor,
or to steal it out of his pants' pocket
while he is alsleep.

Go shead, if you want to, work away in the kitchen until you look like a lobster in complexion and have about as much intelligence, keeping your mind on your housework until you are as dry as a chip! Then the old man will go to the saloon to have a good time or else hunt up and to have a good time or else hunt up and to the ream must be churned to get what we can from the milk of the fraility distribution. Also we had our shower, but if we only could have a rain! How we enjoy looking right in the faces of our May write and Idyll. Now if we could get portraits of other correspondents.

Bottineau Co., N. D. ideas. No, sir, give me the chance to earn a little money of my own. Let me get my mind off of dried apples and old socks that always need patching. No, the old man won't have to be like Jerry Simpson, and go without socks, for I'll sell something and buy him a new pair now and then. And as to health, just you go into any little country town and see the old leader of fifty or sivty veers of are come and the part of the par in with butter, eggs, or young chickens, the product of their own toil in addition to home labors. See the cheerful faces, and the graceful greetings they extend to each other! O, yes! they are happy! Then, see that banker's wife go sailing fine carriage. She is pale, stu pid, and exhausted by the hot weather.

ing pans for baking bread and roasting meat, a bread raiser, egg poacher, rice boller, steam cooker, flour sifter, a good variety of enameled pans, a good range of some kind to cook on, a carpet-sweeper and carpets to sweep with it. I have no copied this list from any house furnishing catalog, but I know the things named to be useful labor-saving articles, as I have them all and many more in my house and

two holes with two burners to each place or hole. On it I can boil the teakettle for time. I can cook any meal on it, cooking two kinds of food at once, but can do no baking. I find it very useful in canning fruit, as it does away with so much heat. I do not use it much for cooking except. Let me live in my nouse by the Of all the tomfool questions I ever saw brought up for discussion this is the most absurd. Some of the statements on both sides could easily make one think that the people who believe that the moon is made out of green cheese are not all dead. For instance, we ran across an article the other day in which a woman said that "eyery woman had enough to do right in the house, without taking up any of these outside things."

Yes that's it, shut her up in an eight.

But with all the patent, labor-saving machinery and articles, one's muscles and nerves will tire and the housekeeper-cook must take a rest and for that purpose I have a patent swing chair, which I can

after the dinner dishes are washed and woman who hash togothe one: I know a woman who hash togothe and look after the fine cows and pigs.

One writer says that if she must carmoney, she had better not have a home.

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One writer says that if she must carmoney had had better not have a home.

One writer says that the she writer says that it she must carmoney had had bette one writer says that if she must earn money, she had better not have a home. O, my! doesn't that knock you off your feet? I know a woman who makes a specialty of making fine butter and selist at a good price. In fact, she is an all-round business woman, and she has a nice home, too, and keeps everything in apple pile order; and when she selis five dollars' worth of butter on Saturday, she can buy many modern appliances to help make her work easier.

They expect to bring the most of between the work easier.

They expect to bring the most of the water and fuel in the house, start the fire in the kitchen and in winter in the starts the fire in the kitchen and in winter in the starts at dime to pay on the preacher's scalary, or a quarter to pay her missionary society dues she has to go to the old man for it. Her sole ambition is to get her house cleaned up a little and then she gets in the buggy and goes over to some gits in the buggy and goes over to some gits in the buggy and goes over to some gits in the buggy and goes over to some gets in the buggy and goes over to some gits in the buggy and goes over to some gets in the buggy and goes over to some

nan with more life and modern can from the milk. There are number No, sir, give me the chance to earn less ways and many times in which the Written for the RURAL WORLD

ladies of fifty or sixty years of age come and they are about the house.

In with butter, eggs, or young chickens,

If there be more help in the house than If there be more help in the house than outside, if there be more women folks than men folks in the home then the help should be the other way. The girls should expect to help with the milking and any light chores outside that will not injure their health. There are many ways that a woman or girl can assist with the outside work, such as feeding calves, milking, raking hay, or running any of the Her health is bad. She is perfectly list-less and has no vivacity whatever. It hasn't been the money making problem that has ruined her life. No, my dear that has ruined her life. No, my dear not advise any woman to over-tax her

has no hobby. Give me the money making problem that has ruined her life. No, my dear friends, she has no hobby. Give me the woman with a hobby whether it is good butter, fancy chickens, or a drove of nice turkeys. She is happy, a contributor to and a sharer in the world's wealth.

MARY ANN HODOWN.

Richardson Co., Neb.

Written for the BURAL WORLD.

FARM HOME WORL.

A very popular farm journal recently propounded to its contributors the following question for discussion: "To what extent should time and labor awaying devices be provided, and show here asked, What was not needed in the way of labor saving manchinery that will lessen his labors, or as sink time and labor, and it is right that he some provided with the same time the should so so; but at the same time the farmer's wife, but was answered. The up-to-date fariner provided in any way in producing more for his time and labor, and it is right that he should not be provided with the same time that plates the health of the farmer be and any our successful as the health of the farmer's wife, to was an advance of help in the house. Supplemental plates and the provided and the same provided his mined with the same provided with the same time the farmer's wife should have been much caused to have answered. The up-to-date farmer provided with the same time the farmer's wife should have been much caused to have answered. The up-to-date farmer provided with the same provided with the same provided with the same provided with the same time the farmer's wife should have been much caused to have answered. The up-to-date farmer provided with the same provided with the same time the farmer's wife, but and the provided with the same time the farmer's wife should have been much caused to have answered. The up-to-date farmer provided with the same time the farmer's wife should have been much caused to have answered. The up-to-date farmer provided with the grant provided with the pr tor, but don't try to hatch more chickens for cream patent bakunder the care for. Remember I am speaking from experience now, as I have had the chick-

ere are hermit souls that live

In the place of their self conten here are souls, like stars, that dwell

apart.
In a fellowless firmament;

Where highways never ran; But let me live by the side of the road, And be a friend to man.

see from my house by the side of the By the side of the highway of life,

The men who press with the ardor of hope The men who are faint with the strife. But I turn not away from their smiles nor

To be preparing for winter when the heat of the sun is almost unbearable seems like being forehanded with a vengeance; yet the woman who will have her flower window bright with bloss nower window bright with blossoms and redolent with sweet odors must begin now to make her plans. Geraniums must at once be repotted and the hanging baskets renewed for the best effects during the winter.

The window garden of the busy woman

should contain plants that will give bes results with smallest amount of labor But no window garden will thrive with out care. Vines are almost essential in a tastefully arranged window. Many of the old-fashioned hardy ones prove most satis-

Written for the RURAL WORLD.
DRYING CORN.

HOW A BOY SUCCEEDED

Boys sometimes think they cannot af-ord to be manly and faithful to the little things. A story is told of a boy of the

ESCALLOPED CORN.—Cut fresh picked corn from the cob and fill a greased pudding dish with alternate layers of corn and cracker crumbs, with bits of butter and salt between each layer, and a little

EGG LEMONADE.—Allow one raw egg and a half lemon for each glass. Whip the eggs until very light and frothy, put n a portion of the lemon and water and beat again, then add the remainder of the monade and strain. This is particularly palatable when made with plain soda water.

DEVILED CHICKEN.—Clean a goodsized chicken and cut it up as for frying.
Boil until tender, remove all of the skin
and bones, and set the meat away until
perfectly cold. Then chap it fine and to
each pint of chopped meat allow one half
pint of sweet neam, one tablespoonful of
butter, three had boiled segs, three tables
peopefuls of bread crumps, one-fourth of DEVILED CHICKEN.-Clean a good-

apple parer, cherry pitter, ice cream freezer, egg and cream whip, patent bak
mrs. winslow's southing syrup

Has been used for over sixty YEARS by entered and am now paying for it. Neve and am now paying for it. Neve their child. Soft by Druggists in every part of the GCMS, Allays all Pain; CURES winslows to color the GCMS, and is the best remedy for DIAR. There, I knew I could not finish this article without getting off on to the chicken business.

MRS. F. J. EDWARDS.

Seward Co., Neb.

DRYING CORN.

A WIFE EQUAL TO A GOLD MINE.

My husband was in delta and i, being anxious to care for the produced by cutting half the depth of the produced by cutting half the depth of the grain, then scraping off the remainder, and is the best remedy for DIAR. There, I knew I could not finish this article without getting off on to the chicken business.

MRS. F. J. EDWARDS.

Seward Co., Neb.

DRYING CORN.

A WIFE EQUAL TO A GOLD MINE.

My husband was in delta and I being anxious to care for the unit from the cob and dry quickly. A better article may be produced by cutting half the depth of the produced by cutting half t A WIFE EQUAL TO A GOLD MINE. It to show:

Poultry Yard.

New York City advertised for a boy.

Next day the store was thronged with applicants, among them a queer looking little fellow, accompanied by a woman, who proved to be his aunt, in lieu of faithless parents, by whom he had been abandoned. Looking at this waif, the advertiser said:

"Can't take him; places and the same control of the set. Three of those were set on turkey proved to be his aunt, in lieu of faithless parents, by whom he had been abandoned. Looking at this waif, the advertiser said:

"Can't take him; places all full. Besides, he is too small."

"I know he is small." said the woman, "but he is willing and faithful."

There was a twinkling in the boy's eyes which made the merchan: think again. A partner in the firm volunteered the remark that he "Ald not see what they wanted with such a boy; he wasn't bigger.

The men who press with the ardor of hope the men who press with the ardor of hope the men who are called with the attiffe.

The men who are called with the ardor of hope the sides, he is too anall."

The men who are called with the ardor of hope the sides, he is too anall."

The men who are called with the ardor of hope the sides, he is too anall. "If know he is amal," and the woman, their tears, but he is willing and faithful."

They are such that the "ifd not see what they wanted with such a boy; he wasn't biggs where the need, and the arfiend to man.

If the melt we in my house by the side of the road,

Where the race of men go by;

They are good, they are strong,

Where the race of men go by;

Where the race of m

UNFERMENTED GRAPE JUICE Pick over the grapes and put on the fire
with water enough to cover. Mash while
they are heating, until soft enough to
press the juice out. Put in bag, hang up
and squeeze with sorap squeezers until
the juice is all out. Put lack over the
fire, adding one-third cupful of sugar to
one quart of juice. Let it just boil up,
not boiling it more than three minutes,
and then bottle or can. It is very convenient to put up in cans like other canone quart of juice. Let it just boil up, not boiling it more than three minutes, and then bottle or can. It is very convenient to put up in cans like other can of truit, keeping it like them, in a cool, dark place. When using, about one-third of juice is used to two-thirds of water.—

Rural New Yorker.—

Begian hare pedigrees, together with their age, score, by whom scored, name of breeder, show records, etc., based upon a high standard of individual excellence, as follows: Hares will be accepted for record by this association provided they conform to either of the following requirements:

REQUIREMENTS.-1. Animals scoring 90 points or better and having an estab-lished pedigree of two full generations of

2. Animals deficient in the required

and salt between each layer, and a little rich milk. Be sure to have it well moistened and cracker crumbs on top. Bake one hour well covered.

CORN FRTTERS.—Two cupfuls of cold sweet corn cut from the cob (canned corn can be used lastead), two eggs, one cupful of sweet nilk, one-fourth teaspoonful of soda and two tablespoonfuls of butter; add enough flour to make a good batter. Drop in flour to make a good batter. Drop in impossible for dishonest persons to tam per with a score card without detection for the purchaser can refer to the secre tary for the record of every animal that is registered, and if not registered, do not

buy or breed to it. ACTIVE ASSOCIATE MEMBERS .-Any Belgian hare club or association de-siring to promote the industry may be-come an "active associate" member of this association, and be represented by a delegate. The benefits to such club mem-berships are the right to hold shows under

spoonfuls of bread crumbs, one-fourth of a grated nutine; and sait and pepper to taste. Melt the butter and add the bread crumbs, chicken, cream and seasoning, stirring until it boils; remove from the fire and add the chopped up egg. Pour all into a baking dish, spriakle lightly with cracker crumbs and brown in a quick oven. This is nice for a picnic lunch.

CHEESE STEAWS—Cheese streams—

7. The weight of eggs from different

E. The relative weight of pullets' and nens' eggs.
9. The relative fertility of eggs under

10. The relative fertility of fresh and of

id eggs.

11. The effect of different methods in ar-

merits of different incubators.

14. The value of dried blo 15. The feeding value of sunflower seed.

were secured with Leghorns. ther pens of Leghorns, during the first other pens of Legnorns, during the irst year as pullets the pen with "exercise" laid 160 eggs, and the pen with "no exer-cise," 157 eggs. During the second year the "exercise" pen laid 119 and the "no exercise" 120, the results for the two years being practically the same for those two

3. As to the effect of exercise on food 3. As to the effect of exercise on room consumption, the average of pens 3 and 4 for three years shows that the pen with "exercise" consumed 624 cents worth of food, and the pen "without exercise" 60.8 In the case of two other pens the average was 63.5 cents and 62 cents respectively per fowl in favor of "no exercise."

4 During the year the Leghorns con-4. During the year the Leghorns confood per fowl. The Wyandottes consum-ed \$1.6 cents per fowl and two pens of Plymouth Rocks averaged \$7.7 cents per

Plymouth Rocks averages of the fowl.

5. The Leghorns consumed during the year an average of about 75 pounds of total food or about 55 pounds of dry matter per fowl; the Wyandottes, 100 pounds total food, 75 pounds dry matter, and the Plymouth Rocks about 110 pounds total food and about 89 pounds dry matter.

6. The three years' results from Leghorn pullets show an average of 155 eggs per fowl per year at a food cost of 4.6 cents per dozen. These results are not

cents per dozen. These results are not from selected or "pedigreed" layers. 7. The record of weights of fowls shows

7. The record of weight so towns show that Leghorns weigh about 10 per cen more during their second year than during the first year as pullets. During the third year there is practically no in crease in weight. f. The largest egg production was dur

ing the period of greatest food cons tion. The smallest egg yield was when food consu The hens attained their greatest weight immediately preceding the periods greatest egg production. After the pods of heavy laying they showed a

in weight.

9. Five pens of Leghorns two and three years old laid eggs averaging 1.56 pounds per dozen. Five pens of Leghorn pullets per dozen. Five pens of Legnorn pullel laid eggs averaging 1.37 pounds per dozen. The eggs from the pen of Wyandotte pullets averaged 1.36 pounds per dozen, an those laid by four pens of Plymouth Roc pullets averaged 1.52 pounds per dozen.

10. Eggs from different hens of the san breed varied in weight. One pens of Leg breed varied in weight. One pen of Leg-

horns two years old laid eggs averaging 1.45 pounds per dozen. Two other pens of the same age, but of a different strain, laid eggs averaging 1.63 pounds per doz-en. The eggs from the latter two pen

A Cross Clerk

Is a rarity. For the most part the young woman behind the counter is smiling and obliging, though her back hurts, her side pains, or her head throbs distractingly. The wonder is, not that a clerk is sometimes irritable, but that she so

7

is sometimes arrarely shows irritation, when every nerve is quivery nerve in quivery nerve

The nervous condition, head-ache and weak-ness, which are the results of irregularity or a diseased condition of eased condition of the womanly or-gans, can be en-tirely cured by the use of Dr. Pierce's Favorite Prescrip-tion. It regulates the functions,

stops enfeebling drains, strength-ens the nervous system and pro-motes the general motes the general health of the en-

Sick women are invited to consult Dr. Pierce by letter, free of charge. All correspondence private. Dr. R. V. Pierce, Buffalo, N. Y. 150 1995

"Having used Dr. Fierce's Favorite Prescrip-tion and 'Golden Medical Discovery' during the past year," writes Mrs. Mattic Long, of Pfouls Valley, Perry Co., Pa., "I can truthfully recommend the medicines for all female weak-nass. I have used several bottles of 'Pavorite Prescription, which I consider a great blessing to the prescription of the prescription of the prescription of the couraged that I hardly knew what to do. Your kind advice for home-treatment helped me wonderfully. Thanks to Dr. Pierce."

Dr. Pierce's Pleasant Pellets cure

hed more than those of the Plymouth or Wyandotte pullets.

The eggs from five pens of Leghorn the averaged 1-45 pounds per dozen, eggs from the same pens during the nd year averaged 1-55 pounds pen. In other words, the size of the was 8 per cent greater the second than the first.

A test of wheat versus corn gave read in favor of wheat for egg produc-

if then the customer of the title used in the mash, and substituting small quantity of sunflower seed, did of materially affect the egg yield, there eing but a slight increase. Owing to the reater cost of the sunflower seed the nancial results were in favor of the corn. Is. The results of a test with Leghorn ullets showed that a nutritive ratio of the support of the corn of the corn wilets showed that a nutritive ratio of the support of the cone of the corn of the corn

CORNISH INDIANCHICKS.—T. J. Kennedy of Waverly, Miss., whose advertisement will be found in another column, writes us that he has a splendid lot cornish Indian chicks of this season's hatching. These are spiendid table and market fowls and will, as soon as their merits become better known, be in great demand. RURAL WORLD readers who are looking for a breed of chickens of superior merit for market purposes or to cross with other breeds as a means of improving the table quality of the flock, should correspond with Mr. Kennedy.

should correspond with Mr. Kennedy.

DISTINGUISHING BEX.—It is very difficult to distinguish turkeys when they are young, says the "Poultry Keeper." For a long time the males and females are alike, but gradually the male becomes more carunculated on the head and neck, the "tassel" on the breast begins to appear on the male, and its wings will occasionally be opened and tipped to the ground, as in "strutting," even when it is apparently but a chick. Later on the neck is thicker and the carriage is more erect, until the difference is plain, as when maturity has been reached. The drake can always be distinguished from the female by its volce, and the same with the gander. The female duck is the sound, and makes the loud, harsh youch, and makes the loud, harsh yound. The tame with the gander compared with the goose.

Mothers will find "Mrs. Winslow's Southing Syrup" the Best Remedy for Children Teething.

APABLE Woman Wanted for a permanent poal before 500 per month and all expenses. Experience cance unnecessary. CLARK & COMPANY. 234 South Fourth Street, Philadelphia, Pa

HAT BLEACH. can bleach your old sun-burned hat to look ew at a coat of less than 4 cts. Send 35 for package of "JAVELLA" containing it to bleach seven hats. Address WHITE BLEACH CO., Sedalla, Mo.

POULTRY.

BUFF OPINGTONS, after September: 15, cock erela \$2; 2 for \$5. One sock \$5.
HENRY C. WAHLMANN, Red Bud, Illinois.

Death to Lice on hers & chickens, 64-p. Boo. Free. D. J. Lámbert, Box 310, Apponag, E. 1 SELECTED BREEDERS FOR SALE B. C. B. Leghorz. Part, Coobir and Pekin Ducks Continental Poultry Farm, Belleville, III

1882 Cockerels and Pullets. Lt. Brah.—1900 Rocks, B. L. Wyaudottes. Satisfaction or your money back. Prices right. H. T. REED, Camp Point, III.

PURE BRED Barred Plymouth Bocks, White and Partridge Cochins from best strains in country Eggs \$1 for 13. J. L. GREENLEE, Kahoka, Mo.

B. P. ROCKS, M. B. Tarkey Eggs in Season. S. DUNCAN, Perrin, Me ROBT. CLOUGH, Carrollton, Illinois,

Breeder of White Plymouth Bocks, and Registered Scotch Collie Dogs. Old and young stock for sale. Write your wants. Glen Raven Egg Farm

Offers Brown and White Leghorns, Black Minorca, Barred and White P. Hocks. Fowls and eggs for sale any season. Stock masted all the time. If see \$1.30; 26 eggs \$2; 100 eggs \$4.00; 200 eggs \$ ELEGANT IN PLUMAGE AND SIZE.

S. S. Hamburgs, Golden Wyandottes and Buff P. Books that will equal the "Blowhards" at has the price.

J. H. HAYNES, Ames, Illinois. Cornish Indian Chickens

raised. For but as represented anits. Birds just as represented turned. Eggs in season.
T. J. KENNEDY, Waverly, Miss PRAIRIE HOME POULTRY YARDS. Bronse Turkeys, Lt. Brahmas, Silver, Golden and White Wyandottes, Barred and White Plymouth Rocks. Birds and eggs for sale from grise winners MRS. J. A. JOHNSTON, Frairs Home, Cooper Co., Mo.

Barred Rocks, Pekin Ducks!-Prize stock and

eggs for sale. Guarantee satisfaction.
NEPENTHE POULTRY RANCH, New Florence, Mo.

MAPLEHURST Breeds practical fow is for eggs and meat: L4, Brahma, B. Langshans, B. P. Rocks, W. Wynadottes, Buff and White Leghorns, B. Minoreas, Cornish Indians and Golden S. Bartis; Mamunoth Bronze Turkers and Pekin Ducks; Young stock now as 96 each, B. for 6, 98 dos. Many birds from Maplehurst have won at 96 each, B. for 6, 98 dos. Many birds from Maplehurst have won at the control of the breed and entitled and China pigs, typical of the breed and entitled and China pigs, typical of the breed and entitled and china pigs, typical of the breed and entitled and china pigs, typical to the breed and entitled and china pigs. The pigs of the breed and entitled and china pigs of the pig

BLACK BREASTED RED GAMES s \$1.50 each, hers \$1.00, to secon \$1.00 per dos. Have he kens are bred to a feather. Mrs. L. M. MOVERE





"WHAT FOOLS THESE MORTALS BE"-Puck Hapgood "Anti-Trust" Steel Range

at one-half agents prices. Generalized for 5 years. Money refunded if not entirely assistance, Non-for the Statistics of Section 1 of Prices, Harmess, Lawn Swings Beatlangurs of Severing Resistance, Beaging 1 of Prices, Harmess, Lawn Swings Beatlangurs of Severing Machines, Beatland desicre prices. Reference this paper. Have your bank look as up. Address HAPCOOD MANUFACTURING CO., SOX 822, Atton, III. The only mig. company in the world in their line selling direct to the communication RURAL WORLD.

WHITE'S FARM GATES BEST ON EARTH COUNTY ASSEST ON EARTH COUNTY ASSES

YOU WANT FENCE—
WE WANT MONEY.
We will explange our fine to far you

Editor RURAL WORLD: Although money. We Make an Honest Fense WE SEL DIRECT TO FARNESS AT WHOLESALE PRICE.
That aren you to deady profe which amounts to a nice thirm on a bill of the profession of the



HOG TAMER.
Improved for 1900.
Makes nose like cut.
Once done always done

W. I. SHORT, P.O. Propulation and money-maker.
Greene Co., III. H. E. SPONSLER. Rife Hydraulic Engine



EITHER OR BOTH THESE BOOKS MAILED FREE.

"Among the Ozarks," The Land of the Big Red Apples.

le an attractive and interceting book, handsomely illustrated with views of South Missouri soenery, including the South Missouri soenery, including the intercet of the southern stope of the Oxarka, and will prove of great value, not only to fruit growers, but to every Tarmer and will prove of great value, not only a south of the southern stope of the Oxarka, and will prove of great value, not only a south of the southern stope of the Oxarka, and will prove of great value, not only a south of the southern stope of the Oxarka, and will prove of great value, not only a south of the oxarka, and will prove the country of the oxarka, and will prove the country of the oxarka, and will prove the

"Wealth in Northern Arkansas"

J. E. LOCKWOOD, Kansas City, Mo.



SOLD OUT—All but a few August pigs. Outlook
good for coming crop of pigs.
S. G. Richards, Sturgeon, Mo

POLAND-CHINAS.

SCRUB HOGS MUST GO.

SCRUB HOGS MUST GO.

The value of pure-bred and improved wins for feeding is shown very clearly in some feeding tests recently conducted by a well as any hogs ever did with full some feeding tests recently conducted by a well as any hogs ever did with full some feeding tests recently conducted by a well as any hogs ever did with full some feeding tests recently conducted by a well as any hogs ever did with full some feeding tests recently conducted by a well as any hogs ever did with full some feeding tests recently conducted by a well as any hogs ever did with full some feeding tests as well as some mixed-bred hogs such as are kept by the average that where and not too make born and you will be kanase farmer. It was found it would take from 10 to 30 per cent more feed for Burb Porcela. No stronger a tree precise and the pure breeds. No stronger are the pure breeding than this question of feeding which so materially affects the profits.

EXPERIENCE WITH DUROC-JER-BLY THE BUROC-JER-BLY TH

Sense G. M. H. H. E. FOONELT.

THE CHEAT MAINTERIN OF COINS.

THE ORDERY SANDERFERD OF COINS.

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prairie sod. There was no trace of sod left after twenty-four hours and then the pen was moved on. They seemed to do as well as any hogs ever did with full range but where one has a lot of hogs this pian is impracticable. Keep your hogs clean, give them pienty of shade and pasture and not too much corn, and you will wonder if hog cholera is out of business.

The Shepherd.

Company of the compan

Mo.'s Black Chief Pigs.

Bargains in Berkshires at Sunnyside. 100 HEAD to spare at reasonable prises. 18 boars ready for service. A nice lot of yearling sow either open or bred. Silver Laced Wynandotte eggs for hatching at \$1.00 per 15; also a few nic Locksrels for sale at \$1.00 each. We can suit you in price and quality. Owrice us at once.

HARRIS & MCMAHON, Lamine, Missouri.

15-Missouri's Black Chief 19399-15

Open gitts, gilt edged, out of dams by Chief Perfection 24. Chief Tecumseh 24. Chief I Know, U. 8. Chief. Look Me Over and Clay Dee; all State fair winners of their day; also 3 boars of the above breeding, all of Oct, and Nov., '98, farrow. Your inspection and business invited if you want something good. Also spring pigs of same breeding.

CHOICE GILTS FOR SALE!

By King Hadley, Turley's Chief Tecumseh 26, W. B's Chief, one of Mo. Black Chief bost sons, and Black Tecumseh, and out of dams by Best on Earth, I am Chief 26, by Chief I Am, Mo. Black Chief, Taylor's Black U.S. Also a few boars, same age and breeding at bargain prices if taken soon; part of the filts are bred for fail litters. Call on or address,

Duroc-Jerseys and W. P. Rocks!

March and April pigs. 88 to \$10. until September let. Eggs, \$1" for 11, \$2 for 30. A few choice hens seap after June let. Young stock Sept. let. E. S. THOMAS, Carthage, Mo.

FINE BERKSHIRES

Of the best families at farmers' prices. Write for what you want, or what is better, come and inspect the stock.

W. H. KER, Prairie du Rocher, Illinois.

Oxford Down Rams, Yearlings and Lambs
From the flock that has won when ever above.
Call on or address, R. J. STONE, Stonington, Illinois.

lambs should be weaned early and pushed a head as rapidly as possible on this grain mixture. By weaning the lambs early it gives the ewes a better chance to put on the will make more satisfactory progress as soon as weaned. If they could have aftermath clover or rape it would be very helpful to them. I would ship the lambs and ewes together to Chicago as you will find that you can put a larger number to the second of the lambs are satisfactory progress. By the property of the second of the lambs and ewes together to Chicago as you will find that you can put a larger number to the second of the lambs are satisfactory progress. By the property of the second of the lambs are soon as weared. If they could have aftermath clover or rape it would be very helpful to them. I would ship the lambs and eves together to Chicago as you will find that you can put a larger number to the second of the lambs are soon as weared. If they could have after math clover or rape it would be second of the lambs and every helpful to them. I would ship the lambs are soon as weared. If they could have after math clover or rape it would be very helpful to them. I would ship the lambs and every helpful to them. I would ship the lambs and every helpful to them. I would ship the lambs are soon as weared. If they could have after math clover or rape it would be very helpful to them. I would ship the lambs are soon as weared. If they could have after math clover or rape it would be a soon as weared. If they could have after math clover or rape it would be soon as weared. If they could have after math clover or rape it would be soon as weared. If they could have after math clover or rape it would be soon as weared. If they could have after math clover or rape it would be soon as weared. If they could have after math clover or rape it would be soon as weared. If they could have after math clover or rape it would be soon as weared. If they could have after math clover of Audrain County, Mo., marketed 188 head of 60-pound lambs at 8.10.

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The Markets

WHEAT-Cash market-No. 2 red sold switched at 72% (47% this and 73473% Eside and seed at 74%. No. 3 red at 70 to 72%; No. 4 winter at 63c to 70c; lower grades at 58600c.

CORN—Cash market—No. 2 sold at 389 28%; No. 3 at 37%; No. 2 white at 40%

OATS-Cash market-New No. 2 sold at 204@214c; No. 3 at 204@204c; No. 4 194c; No. 3 clover at 23c; No. 2 white Sc: No. 3 do. at 231/624/4c; No. 4 do. at rust proof at 20c. Old No.

at 24½c. A car No. 2 sold for seed at 49c.

68c and ships sell at 77c. HAY-Timothy \$14@14.50 for choice, \$12.50 6013.50 for No. 1, \$116012 for No. 2, \$5.66011 for No. 3. Prairie—\$8 for choice, \$7.67.50 for No. 1. \$6.5067 for No. 2, \$666.50 for No.

for No. 1, %5.5027 for No. 2, \$9395.5 for No. 2. Clover-95@12.

STRAW--Wheat on trk. \$4.50; rye, \$5.
GRASS SEEDS--Timothy \$2.7593 spot, and \$3.30 bid for prime to arrive Aug. Other seeds nominal. Per 100 lbs.: Millet 70c \$41--prime German more; clover \$5 to \$7.50;
Hungarian \$90966c; redtop \$507.50. Others

FLAXSEED-Higher; 2 cars selling a CASTOR BEANS-Salable at \$1.20.

PRICES ON 'CHANGE.

The following table shows the range of

	Closed.	Range	Closed
	Saturday.	To-day.	To-day.
W	heat-		
A	ug71% n	@	71¼ n
8	ent71% b	70%-71-70%-1/2	71% b
C	et72% n	71%@72%	72¼ n
T	ec74% b	74 @74%	74% b
	rn-		
	ug371/4 n	@	36% n
SI	ept36%	351/4@36	36 b
0	et361/4 a	@	35% a
T.	ec34 b	321/4/0/33	33 b
v	ear . 33% b	22%@%@32%	32% b
	ts-		
	ug21 n		20% n
8	ept211/2	2114@2116	21%
70/	fav 24 n		24
6.3	ash wheat, corr	and oats ra	nged:
-		ar. Saturday.	To-day.
WH	eat-		
N	o. 2 red721/2@	7314 73 274	721/4@731/2
73	o. 3 red70%@	7314 7014@73	72 @721/4
N	o. 4 winter.64 @		63 @70
707	o. 2 hard69 @		68 @681/4
74	Ot a little dioo		671/10

214621 204621 2246 2546 234625 224623

The future market at New York ruled

firm most of the session with good buying and higher prices, and at times during was an active market at Liverpool. Spots were unchanged, but futures 5½ points better at the close. The about 5½ points better at the close. The upward tendency at the first named was continued throughout the day, the set-backs being few and unimportant, and at the close Aug. showed a net gain for the day of 16 points and of 6 to 12 points for Local Market-Firm and unchanged. No

Bagging-1%-lb, 8.10c per yard; 2-lb. 8.25; 244-lb, 8.85c. Iron ties, \$1.32. Hemp

WOOL	
Missouri and Illinois-	
Med. combing201	4621
Medium clothing	@20
Braid and low18	@181/
Burry and clear mixed	@18
Blightly burry	@16
Hard burry	20013
	@17
Heavy fine	@14
Kansas and Nebraska-	
Bright medium	@194
Dark and sandy14	@16
Fine medium14	@151/
Light fine	@14
Heavy fine 11	@12
Texas, I. T. and Oklahoma-	
Medium	19
Coarse and low	@16
Fine medium14	@16
Light fine	@15
Heavy fine11	@12
Arkansas and Southern-	
Medium (fleeces)19	@20
Medium (loose)18	@184
Burry14	@15
Hard burry	12
Tubwashed-	-
No. 1	29
No. 223	@234
Burry18	@19
Angora goat hair-	
Clean and clear18	(20
Ruppy10	(2)11
Black and seedy from 40 to 60 a	poun
tess than quotations.	

was selling at \$2.50\(63.00 \) for standard crate and \$1.50\(61.75 \) for half crates. Slipments 500,000 pounds foreign, a total of \$3.317,000 from Southern Illinois, Tennessee and Arkansas have been discontinued. Homegrown gens and cantaloupes in fair supply, but firmer, selling at 15c to 25c per last year.

PEACHES-Higher. Tennessee 1-3-bush-Near-by consigned

CRABAPPLES-Dull and nominal at 20

POTATOES-Prices a little firmer on

would probably bring from \$60 to \$100 per ton, if here. SORGHUM—Good to prime at 16@18c per

POP CORN-Last sales at \$1.30 to \$1.60 per 100 pounds on cob.

WHITE BEANS—Hand-picked pea beans in a jobbing way from store at \$2.20—screened 5c per bushel less. Western at \$1.50—weevily less. Lima

peans at 6c per pound.

HONEY—Comb at 10c to 121/2c—fanc; white clover, 13@14c; inferior, dark and broken less. Extracted and strained in barrels, 565%c, and in cans %@lc per

LIVE STOCK.

HORSES—The supply was light. There were a number of new Eastern buyers on hand in quest of choice chunks, drivers and business horses, and a few from the

mannest as at the opening of the previous week.

Horse quotations—Heavy draft—Com-mon to good, \$90 to \$140; choice to fancy, \$150 to \$189. Drivers—Common to choice, \$60 to \$175; bulk, \$120 to \$150; coach horses, \$130 to \$200. Saddlers—Common to choice, \$65 to \$125; fancy, \$150 to \$175. Chunks, 1,200 o 1.450 pounds-Common to good, \$55 to

als consigned to the dealers. Some of the offerings changed hands early, giving the trade claims for more activity than last week, but the bulk of the arrivals were carried throughout the day, all receiving bids, but not sufficient to cause a uniform movement. The conditions were not quot-ed any different from the close of last week. There are orders for several hun-dred British mules in force, but the deal-ers have sufficient supplies already in hand to fill them, and unless new con-tracts are let the little mules of this trade claims for more activity than last tracts are let the little mules of this class will continue slow. Towards the

Bulk of sales represent mixed mules in first hands. Prices above bulk figures represent first-class mules, extra finish and weight, strictly fat, practically sound

ADDITIONAL LIVE STOCK MARKETS ON PAGE 4.

BOSTON WOOL MARKET.

say of the wool market:

Boston, Mass., August 10.-The Boston

only significant feature of the mar-Black and seedy from 4c to 6c a pound feest than quotations.

WATERMELONS—Missouri melons on track at from freight to \$30 for dinkies, \$40 to \$75 for medium to choice cars—extra fancy cars occasionally bring more.

CANTALOUPES—First car load of Pooky Fords (a refrigerator express car locally the week has been dull but the week has been dull but the control of the market is the leap up of receipts of domestic wool by 6,000 bales above those of last week. The whole energy of the trade has been centered in the West. Buyers for mills and dealers are taking wools there in big blocks. Twelve million pounds started for Boston from Montana alone. Rocky Fords (a refrigerator express car Locally, the week has been dull, but from Las Animas) arrived; stock nice, and prices were strong. The sales for the was selling at \$2.50\(\text{g3.00} \) for standard crate week were 2,317,600 pounds domestic and

BROOM CORN HARVEST BEGINS MONDAY.

teck at 25c to 50c. Home-grown wagon receipts at 40c to 60c per ½-bushel basket, as in quality.

APPLES—Duil. Boxed lots not wanted.

APPLES—Duil. Boxed lots not wanted.

APPLES—Duil. Boxed lots not wanted.

APPLES—Duil. Boxed lots not wanted. as in quality.

APPLES—Duil. Boxed lots not wanted.

Lots in barrels at from \$\mathbb{1}\$ to \$1.25 for poor to fair, \$1.40 to \$1.65 for good to choice, and \$1.760.25 for fancy duchess, maidenblush, etc. Sales, 22 barrels various at \$1, 24 fancy rambo, redstreak, bellefleur and mammoth pippin at \$2.20.

PLUMS—Per ½-bushel basket: Newman at \$360; common varieties at 15620c; Damsons at 50655c, and green gages at 25640c; soft, overripe and leaky less.

PEARS—Quiet. Southern Le Contequotable at \$2.4062.65 per bushel box. Near-by common varieties quotable at 20c to 25c, Bartietts, duchess and sugar pears, \$406 50c, per ½-bushel basket.

GRAPES—Home-grown and near-by selling at 25635c per ½-bushel basket.

GRAPES—Home-grown and near-by selling at 25635c per ½-bushel basket.

CRABAPPILES—Duil and nominal at 26 255c. per ½-bushel basket.

CRABAPPILES—Duil and nominal at 26 255c. per ½-bushel basket for lyes and at 60c for choice Moore's early.

CRABAPPILES—Duil and nominal at 26 255c. per ½-bushel basket at 156 25c. per ½-bushel basket.

GRABAPPILES—Duil and nominal at 26 255c. per ½-bushel basket and at 60c for choice Moore's early.

CRABAPPILES—Duil basket and at \$166.50 and at \$160.50 and \$160

Do you feed and water stock? If so, write O. K. Harry Steel Works, St. Louis,

old roosters, 3%c; spring chickens, average receipts, 6%c; spring chickes, average receipts, 6%c; cold turkeys, average receipts, 6%c; pound turkeys, average receipts, 6%c; spring ducks, 6%c.

Geese, 3c; spring geese, large, 6%c; spring geese, 5 pounds or loss, 6c. Live pigeons and sounds per dozen, 6bc.

FRESH FISH—1.

Editor RURAL WORLD: In answer to the query of "Subscriber," Lafayette Co., Mo., a good way to kill sprouts of any kind is to cut them as close as possible in the spring, after they have begun grow-ing, again two or three months later and last in late summer before sap goes down. The above treatment will kill nearly all of them during one season, but will be more effective if there is a crop of rye or wheat grown on the ground at same time. Jefferson Co., Mo.

Editor RURAL WORLD: We live in advertise "RURAL WORLD: We live in advertisement on page 3. them during one season, but will be wheat grown on the ground at same time Jefferson Co., Mo.

the southeastern part of Douglas Co., Mo., and have cleared 80 acres of "sprouty" land, and I am satisfied that "sprouty" land, and I am satisfied that the dark of the moon has something to do with getting rid of sprouts and brush. We try to get the most of our sprouting and business horses, and a few from the South wanting plain little drivers and chunks. Not quite as much activity was manifest as at the opening of the previous week.

Horse quotations—Heavy draft—Common to good, \$90 to \$140; choice to fancy, the first country of the previous well sit down and do nothing as to cut the first country in the winter or early spring.

well sit down and do nothing as to cut sprouts in the winter or early spring.

I have been a subscriber for two years to your valuable paper and expect to always remain one. The gasoline cure for stomach worms in sheep has saved enough to pay for the paper for several to 1,450 pounds—Common to good, \$35 to \$100 pounds—Common to good, \$35 to \$50; choice to extra, \$55 to \$70. Plugs, \$15 to \$45.

MULES—The week started out with a very fair run on the commission market and with several car loads of fresh arriv-points of \$150 and \$1.

Douglas Co., Mo.

Douglas Co., Mo.

Douglas Co., Mo.

Douglas Co., Mo.

friendly towards Mr. Chubbuck ever since sending me the Missouri agricultural reports of 1890 and '91. R. LOOMIS. Douglas Co., Mo. And we are satisfied that the season when the sprouting is done is of more importance than the phase of the moon. Friend Loomis should, we think, insist on having the sprouting done in July and August even though he wants the work done in the dark of the moon. done in the dark of the moon.

BERMUDA GRASS.

Editor RURAL WORLD: I would suggest to "Young Farmer" that he try Bermuda grass. It makes one of the very best permanent pastures we have in this lose of last week the Eastern demand for ood mules was a slight improvement, yet the surface to light to occasion any unisual activity in the demand for big surface to the demand for big surface. The best plan for setting Bernature. The best plan for setting Bernature and as for corn, check section of Arkansas. An acre of ground well set in Bermuda will pasture three to

slides over and passes the grass down into the ground.

Bermuda spreads from taking roots at joints of running stems, hence the neces-sity of cultivating and keeping weeds down. It will pay to turn the sod and

harrow and drag every other year. Bermuda is a fine reclaimer and retainer of soil: set along guilles and small drains it will catch and hold the washing soil and fill up such places. It makes a nice lawn or yard where a hose or lawn mower

South Franklin Co., Ark.

SEED WHEAT.

Ratekin & Son, the "Nishna Valley Seed Corn Growers," of Shenandoah, Iowa The firm is located in the extreme south west part of the state, on the county line west part of the state, on the county line between Page and Fremont Counties, in the beautiful, rich and fertile valley of the Nishnabotha River, where location, climate and soil all combine to perfectly grow and mature the finest seed corn in the world. The senter weather of the world. The senior member of the irm of J. R. Ratekin & Son is a practical farmer and veteran corn grower with an experience of more than fifty years on the farm, seventeen of which have been devoted to the growing and handling of seed corn as a speciality. The firm did an immense business during the season of 1990 in the way of providing farmers and corn growers all over the central, western and southern states with seed to produce the crop now growing, and they are now. the crop now growing, and they are now making extensive preparations to supply their increasing trade better than ever their increasing trade better than ever for next year. They have planted and are now growing something over 1,500 acres of corn from varieties of the highest type, that have been tested and proved to give the best results under all climatic conditions wherever corn is grown. It was planted very early and on new sod gre that had been clovered and pastured for

home-grown early Ohio, sales loose from FARMERS' NATIONAL COGRESS, U. tality and strong germinating power, and they say that "with fairly good conditions home-grown early Onlo, sailes loose from farmers' wagons ranging mainly at 2009
22e per bushel.

ONIONS—North Missouri red at 26c, 10
S. A.

Editor RURAL WORLD: For the meeting of the Farmers' National Congress to sacks yellow at 20c.

TOMATOES—Home-grown quotable in shipping order at 46e per bushel box for hipping order at 46e per bushel box for held at Colorado Springs, Colorado, August 21-31, railroads west of Chicago have made a one fare rate plus 22.00; and country—Chicago seed, such as has never for newly gathered. Held, heated and doubtful lots less.

BUTTER—Creamery—Extra, 20c; firsts, 18c; greats, 46/4/sc. Country—Choice, 12/4c; poor to fair, 106/11c. The above figures are for round lots. About it per pound more is charged in a small way.

CHEESE—Jobbing prices: Twins, 11c; target, 106/4/silc.

Limburger, 106/10/4/c. Swiss—Old, 15/6/18c; new, 12/4ilc.

Limburger, 106/10/4/c. Swiss—Old, 15/6/18c; new, 12/4ilc.

Limburger, 106/10/4/c. Rwiss—Old, 15/6/18c; new, 12/4ilc.

Limburger, 106/10/4/c.

Live POULTRY—Chickens—Hens, 7c; old roosters, 3/4c; apring chickens, aver-cold researched and cold r Ratekin & Son are also providing a large age receipts, 8%c. Old turkeys, average receipts, 8%c; contracts, 8%c; bounds or over, 9c. Ducks, 5c; spring ducks, 6%c. Geess, 3c; spring geess, 1arge, 6%c; spring geess, 1 pounds or less, 5c. Live pigeons and squabs, per dozen, 6%c. FRESH FISH—Light sales; sunfish at 2%c3c, crapple at 3c to 5c and bass at 7c to 5c per pound.

PECANS—Scarce and nominally firm at frem 8c for Western to 106file for Texas. PEANUTS—Farmers' stock at 2%c per pound for red to 2%c for white; recleaned and graded at 3%c to 5%c.

BROOM CORN—Prices nominal; brush would probably bring from 400 to 3100 per ton, if here.

Editor RURAL WORLD: In answer to the query of "Subscriber," Lafayette Co., 100 per for heating and drying purposes, and an engine for running their machinatin scenery at about one-third regular rates, or \$2.50 or \$2 each, except Pikso Peak, which has been reduced to sate plants of its kind to be found in the world. They grow nothing but the best plants of its kind to be found in the world. They grow nothing but what they warrant to the fullest extent. By know-ing how to treat their patrons, they have been day and up.

Chairman Executive Committee.

BROOM CORN—Prices nominal; brush would probably bring from 400 to 3100 per ton, if here.

Editor RURAL WORLD: In answer to the query of "Subscriber," Lafayette Co., 100 per ton, if the country, and especially throughout to the query of "Subscriber," Lafayette Co., 100 per ton, if the country and many plays and an engine for running their machinatin scenery at about one-third regular rates, or \$2.50 or \$2 each, except. Pikso per day; at 100 per day, at 100 per day, at 100 per day and up.

Chairman Executive Committee.

WHEN TO SPROUT.

Editor RURAL WORLD: In answer to the query of "Subscriber," Lafayette Co., 100 per day and up.

Editor RURAL WORLD: In answer to the query of "Subscriber," Lafayette Co., 100 per day and up.

Editor RURAL WORLD: In answer to the query of "Subscriber," Lafayette Co., 100 per day and up. 100 per day and up. 100 per day; at 100 per day; at 100 per da are putting in a powerful steam boiler and far up into the thousands. They received orders from and made shipments to the farmers of every county in lowa and Illinois, without exception, and to many of the counties from 500 to 1,000 bushels were shipped besides a liberal business from something over thirty states, and in no case did they receive a complaint with regard to character or quality of the seed gard to character or quality of the seed

GOVERNMENT CROP REPORT.

Washington, D. C., August 10.—The August report of the statistician of the Deartment of Agriculture shows the following averages of crop condition upon bugust 1: Corn, 87.5; spring wheat, 56.4; August 1: oats, 85.0; barley, 71.6; spring rye, 7½.0; buckwheat, 87.9; potatoes, 88.2; timothy hay, 79.9.

CORN.-The average condition of corcorn.—The average condition of corn declined 2 points during July, and on Au-gust 1 it was 2.4 points lower than at the corresponding date last year, but .5 point higher than on August 1, 1898, and 1.3 points above the mean of the August averages for the last ten years.

The conditions in the principal states are as follows: Ohio and Indiana, %; Illiare as follows: Onto and Indiana, 38; Illi-nois, 96; Iowa, 105; Missouri, 99; Kansas, 71, and Nebraska, 85. During July there was an improvement of 8 points in Ohlo; 9 in Indiana; 4 in Illinois and 3 in Iowa. On the other hand, there was a decline of 2

n Kansas.

OATS.—The average condition of oats OATS.—The average condition of oats declined .5 during July, and on August 1 it was 5.8 points lower than at the corresponding date last year, but .8 point higher than on August 1, 1898, and 2.7 points above the mean of the August average for the last ten years.

The conditions in the principal states are as follows: New York, 83; Pennsylvania, 82; Ohlo, 82; Mitchigan, 101; Indiana, 94; Illinois, 97; Wisconsin, 77; Minnesota, 97; Illinois, 97; Wisconsin, 77; Minnesota,

94; Illinois, 97; Wisconsin, 77; Minnesota, 57; Iowa, 90; Missouri, 100; Kansas, 87, and

Nebraska, 78.

During July there was an improvement of 2 points in Ohio and Michigan, of 9 points in Wisconsin, 8 in Minnesota, and 1 in Illinois. There was a decline of 3 points in Pennsylvania, 5 in Indiana and Kansas,

lawn or yard where a nose or lawn moves can be used.

It is 10.—The Boston to-morrow will condition in the principal states are as follows: New York, 91; Pennsylvania, eature of the mareceipts of domestic boss, or cut for hay. The best time for setting is after the grass begins growing setting is after the growing setting is after the grass begins growing setting is after the growing setting is after the grass begins growing setting is after the growing setting in a state of the growing setting is after the growing setting is after the growing setting i

and Nebraska, 31. During July there was an improvement of 3 points in Michigan, 7 in Wisconsin and 14 in Minnesota. On the other hand, there was a decline of 3 points in New York and Kansas, of 12 points in Pennsylvania, 5 in Ohio, 1 in Illinois, 6 in Iowa, 2 in Missouri and 10 in Nebraska; the condition in Indians remaining unchanged.

of the thirteen principal sweet potato producing states five report an improve-ment during July and six a decline, the condition remaining unchanged in the oth-

HAY.—Preliminary returns indicate a reduction of 5.3 per cent in the hay acreage. Of the fourteen states mowing 1,000,-000 acres or upward last year, all except California report a reduced acreage. The condition of timothy hay is 6.3 points lower than at the corresponding date last year, 19.4 points lower than on August 1, 1888, and 7.5 points below the mean of the August average for the last nine years. The reports as to production of clover are on the whole unfavorable, the percentages in the principal states, as compared 000 acres or upward last year, all except that had been clovered and pastured for several years, and is now far advanced, all being in tassel and silk, and much of it in roasting ear. In thus combining good seed, good vareties and strong, rich sod ground, they have by good culture obtained strong and rapid growth, insuring early maturity and seed of great vi-

TOBACCO.—During July the changes in the condition of the tobacce crop were almost wholly unfavorable, Virginia reporting a decline of 20 points; North Carolina, 10 points; Pennsylvania, 6; Missouri, 4; Maryland and Tennessee, 2, and Kentucky, 1. In Ohio the crop about held its own, and in Wisconsin there was an improvement of 10 points.

SORGHUM.—The condition of sorghum is in the main favorable, Kansas being the only important state in which the condition falls below that of August 1, 1399, or the mean of the averages for the

1899, or the mean of the averages for th

MISSOURI WEATHER AND CROPS

The U. S. Department of Agriculture, Climate and Crop Bulletin of the Weather Bureau, Missouri Section, for the week ending August 13, 1900, says: The week just closed has been another week of high temperature, hot sun and drying winds, with no measureable amount of precipitation up to Saturday noon, except in a few localities in the extreme northweatern counties, where light showers fell on the Sth. During Saturday evening light showers fell in a few of the northern counties, and showers also occurred in some sections during Sunday night, but appear to have been rather scattered. have been rather scattered.

have been rather scattered.

CORN—In a few counties corn has not yet been injured by the drouth and is in good condition, but over the greater portion of the state the crop is reported shortened one-tenth to one-third, and in some localities the loss is estimated at from A large part of the early corn is made and some is so far matured as to be out of all danger, but much of it may still be injusted if dried out too rapidly. It is estimated that the bulk of the crop will be safe from frost by September 10th to 15th. SORGHUM is firing quite badly in a few counties, but has withstood the dry weather much better than corn and is generally in good condition. Grinding has commenced and the syrup is of good quality.

COTTON—In the source of the analysis of good out to represent the source of the crop will be safe from frost by September 10th to 15th. SORGHUM is firing quite badly in a few counties, but has withstood the dry weather may ingred the counties. WHEAT GROWING ESSENTIA.

cotton is generally doing well, except in portions of Butler, where it is suffering from drouth and is shedding. Melons have been cut short by the drouth in some dis-

considerable feeding is necessary in a number of the northern and western counties. Water is becoming very scarce in some localities. Prairie hay has been sesome localities. Prairie hay has been se-cured in excellent condition in the south-western counties. Castor beans are re-ported a good crop in Barton county and picking is in progress. Over the greater portion of the state the ground has be-come too days for allowing.

ome too dry for plowing.

APPLES—The weather has been very severe on apples and many correspond-ents report that they are wilting and dropping badly.

A. E. HACKETT, Section Director.

IOWA STATE FAIR.—The indications for the coming Iowa State Fair at Des Moines, Ia., Aug. 24-Sept. 1, warrants the belief that it will be the best in every re-spect in the history of the state. The stockmen of the state are showing marked interest and will be there with the marked interest and will be there with the best of their herds and flocks. Poultry will be especially well represented, and in fact most departments will be full to overflowing if present indications are ful-filled. The demand for the catalogue, the secretary informs us, has never before here so great and many more resolutions. been so great and many more people than common have indicated a willingness to

A Pennsylvania, 5 in Indiana and a Pennsylvania, 5 in Indiana and a Pennsylvania, 5 in Indiana and a indiana and and a indiana and and a indiana and a indiana and a indiana and a indiana and a i common have indicated a willingness to circulate fair advertising matter.

The exposition features of the fair are much greater this year than ever before, and a full fledged Midway will be one of the features of the coming show, while there are many other special features, such as free acts in great variety and large number, and the fair management promise that the special fireworks features will be a great treat to all, surpassing anything ever seen in the state. There

and get a taste of our cool breezes. You've heard of the Ozark zephyr; well, we have the there in all its purity and freshness during our hottest days. We have but to step in the shade and are at once made comfortable by its delicious fanning. Our lights are rarely too warm for good rest. I often think of the sweltering nights in Iowa. O! how we'd sit up till midnight fanning ourselves to get a breath of air, then turn in for a restless sleep, get up in the morning feeling that we had been swindled out of our night's rest. Here we have the delightful cool breeze to fan us while we do our dreaming and rise in the pure, refreshing, morning air feeling like ing our hottest days. We have but to step in the shade and are at once made comfortable by its delicious fanning. Our nights are rarely too warm for good rest. I often think of the sweltering nights in Iowa. O! how we'd sit up till midnight fanning ourselves to get a breath of air, then turn in for a restless sleep, get up in the morning feeling that we had been swindled out of our right, and there we had been swindled out of our right, and there we have there we have the swindled out of our right, and there we have the swindled out of our right, and the swindled out of our right. pure, refreshing, morning air fee new "critters."

WINTER WHEAT





WRITE FOR PRICES AND CATALOGUE.

LETTER BOX.

Subscribers will please ask their que tions as briefly as possible, and on a set tions as briefly as possible, and on a set arate piece of paper. Give full name an address. Answers may be looked for the department to which they belong. subsequent issues, if not given

and the next day it rained. But litt grain has been threshed since July 4. had my threshing done in June, as go luck would have it. I had 125 acres of wheat that threshed out 314% bushels, and wheat that threshed out 31% bushels, and 17 acres of oats that threshed 710 bushels. Oats frose out badly in February. Corn is rather short, there being no rain in June at all. Cotton is an average crop Stock of all kinds is doing well.

I notice in Mr. Heaton's last "Week by Week" to the RURAL WORLD that he speaks of one of his neighbors having 19

speaks of one of his neighbors having it acres in wheat. One of my neighbors ha 1,800 acres in wheat. He is what we call wheat bird. J. O. P. EDMONSTON.

vation that wheat gets, it must get before it is sowed, and inorder that the roots pentrate the ground properly, so as not to be easily damaged by winter frosts, and that the soil absorb and conserve the moisture, it is highly important that all clods be broken up and thoroughly pulverized. This also renders a value to all the latent plant feed within the soil. This can best This also renders a value to all the latent plant food within the soil. This can best be done by plowing the ground as early as possible, then harrow and roll it several times until it is in proper condition before seeding. In sowing corn land, the old method of sowing wheat down on the stalks and plowing in with a shovel plow is a very poor one in several reasons. In the first place the land is never gotten into proper shape for the reception of the into proper shape for the reception of th seed by this process. Much of the see is covered too deep and rendered unpr ductive, and the whole job is a botch fro start to finish. The result is even or land fairly well fertilized, usually a poo crop of wheat.—Robert Poteet, Bland Co. Va., in Tennessee Agriculturist.

EXPERIMENTAL IRRIGATION AT

Columbia, Mo., August 11.-The Unite States Government has appointed Prof. H. I. Waters, dean of the Missouri Agricultural College, to conduct a series of ex-periments in irrigation that will doubtess prove of great importance. Prof. Waless prove of great importance. Prof. Waters has been for several years engaged in various government experiments, giving special attention to the innoculation of cattle against Texas fever. His new duty will in no way interfere with his present work.

onducted on the state agricultural farm in Columbia. Work will begin at once in constructing a large pond, covering many acres, which will form the basis for the experiments. The results will be made known to the public by means of bulletins to be issued at intervals, detailing the

POTATOES FOR THE WORLD .- The POTATOES FOR THE WORLD.—The potato crop in the Kaw Valley will exceed all expectations, says the Leavenworth "Times." It is turning out nearly 50 bushels an acre more than expected before the potatoes were dug. The crop in the valley between Lawrence and Kansas City, it is estimated, will reach 4,000 carloads, and will average from 250 to 275 bushels to the acre. The usual average is less than

The "American Cultivator" says the co-The "American Cultivator" says the co-operative use of expensive farm machin-ery seems essential to the success of farmers of moderate means. Profitable farming involves the use of machinery to an extended degree as compared with old-fashioned farming, so largely the result of hand labor.

SCHOOLS AND COILEGES.

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WANTED—A HERDSMAN

t once for cattle and hogs. Address L. G. JONES, Towanda, Ill.

LITERARY NOTES.

On the cover of the August number of the "Ledger Monthly" is a colored picture of a piquant country girl, a sprig of hay between her smiling lips, giving her an arch expression, with the humorous title "A Hayseed." The frontispiece is a characteristic Southern scene, an old Virginia colored parson meeting two members of his flock in a two-wheel ox cart, and stopping to chat on the way. A special feature of this number is a double page of illustrations of Old Colonial Taverns, with an interesting descriptive article by Waldon Fawcett. Two pages are given to scenes in Porto Rico, with descriptive text by F. C. Ober. The charming novelette, entitled "Through the Queen's Bequest," is by Julia Helen Twells, Jr. "Aunt Wing's Carpet," by Louise Marah Morrison, is a pathetic story of New England village life. Edith Lawrence continues her pleasant, gossippy series entitled, "A New York Girl's News and Views." Mrs. West Virginia, 3‡; Iowa, 9‡; Minnesota, 8, PotAToBS.—The average condition of potatoes declined 3.1 points during July, On August 1 it was 4.8 points lower than at the corresponding date last year, but 4.2 points higher than on August 1, 1888, and 2.2 points above the mean of the August averages for the last ten years.

The conditions in the principal states are as follows: New York, 86; Pennsylvania, 99; Minnesota, 79; Missouri, 97; Kansas, 86, and Nebraska, 81. During July there was an Improvement of 3 points in Michigan and 14 in Michigan in Wisconsin and 14 in Michigan and 14 in Michigan in Wisconsin and Michigan in Wisconsin and Michigan in Wisconsin and Michigan in Wisconsin and Michigan indis, thouse.

In the late corn; but your weather man has promised us rain in a day or two, which, when received, will put all to rights again.

I have been wondering what had become of your Iowa correspondents, being a Hawkeye myself; these letters were of special interest to me. Say! you Iowa folks have been having a little roast late holds have been having a little roast late has have and get a taste of our cool breezes. You've are maintained, and altogether make up an unusually beautiful and attractive number. The price of the "Ledger Monthly is go devoted to their illustration. The weal of the "Ledger Monthly is go cents a year, seents a copy. Robert Bonner's Sons, Publishers, Ledger
Bon

erary and General Survey." The death of John Wesley, an impressive account of which is given in this chapter, suggests a review of the great religious movement which he had inaugurated and had so masterfully guided. The chapter deals, to a considerable extent, with contemporary considerable extent, with contemporary literature, and the influence of Meth upon it and upon the drama of the period. Published monthly by the Methodist Mag-

azine Publishing Co., 223 North Second street, St. Louis, Mo. \$1.50 a year. The political campaign and the Chinese problem are the two most prominent top-ics in the August "Review of Reviews." In "The Progress of the World," the edfarmers of moderate means. Profitable farming involves the use of machinery to an extended degree as compared with old-fashloned farming, so largely the result of hand labor.

Farming is not only a means of getting a living; but it is an opportunity to cultivate the beautiful and to develop an appreciation of artistic surroundings. No lawn or grounds can surpass the farmers' at so small an expense.

Itor analyzes the platform adopted by the contributed articles there is a brief review of the work of the Kansas City. Compared the work of the Kansas City contributed articles there is a brief review of the work of the Kansas City contributed articles there is a brief review of the work of the Kansas City contributed articles there is a brief review of the work of the Kansas City contributed articles there is a brief review of the work of the Kansas City contributed articles there is a brief review of the work of the Kansas City contributed articles there is a brief review of the work of the Kansas City contributed articles there is a brief review of the work of the Kansas City contributed articles there is a brief review of the work of the Kansas City contributed articles there is a brief review of the work of the Kansas City contributed articles there is a brief review of the work of the Kansas City contributed articles there is a brief review of the work of the Kansas City contributed articles there is a brief review of the work of the Kansas City contributed articles there is a brief review of the work of the Kansas City contributed articles there is a brief review of the work of the Kansas City contributed articles there is a brief review of the work of the tor analyses the platform adopted by